SAFETY DATA SHEET
PolyAcrylic Acid KIT, Part Number PL2140-0100

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: PolyAcrylic Acid KIT, Part Number PL2140-0100
EC number: Not available.
Part No. (Kit): PL2140-0100
Part No.: Nominal 1K Not available.
          Nominal 3K Not available.
          Nominal 7K Not available.
          Nominal 13K Not available.
          Nominal 30K Not available.
          Nominal 70K Not available.
          Nominal 130K Not available.
          Nominal 300K Not available.
          Nominal 700K Not available.
          Nominal 1 Million Not available.

1.2 Relevant identified uses of the substance or mixture and uses advised against

<table>
<thead>
<tr>
<th>Identified uses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Analytical chemistry.</td>
<td></td>
</tr>
<tr>
<td>0.2 g x 10 Bottle</td>
<td></td>
</tr>
<tr>
<td>Nominal 1K</td>
<td>0.2 g</td>
</tr>
<tr>
<td>Nominal 3K</td>
<td>0.2 g</td>
</tr>
<tr>
<td>Nominal 7K</td>
<td>0.2 g</td>
</tr>
<tr>
<td>Nominal 13K</td>
<td>0.2 g</td>
</tr>
<tr>
<td>Nominal 30K</td>
<td>0.2 g</td>
</tr>
<tr>
<td>Nominal 70K</td>
<td>0.2 g</td>
</tr>
<tr>
<td>Nominal 130K</td>
<td>0.2 g</td>
</tr>
<tr>
<td>Nominal 300K</td>
<td>0.2 g</td>
</tr>
<tr>
<td>Nominal 700K</td>
<td>0.2 g</td>
</tr>
<tr>
<td>Nominal 1 Million</td>
<td>0.2 g</td>
</tr>
</tbody>
</table>

1.3 Details of the supplier of the safety data sheet

Agilent Technologies Manufacturing GmbH & Co. KG
Hewlett-Packard-Str. 8
76337 Waldbronn
Germany
0800 603 1000
e-mail address of person responsible for this SDS: pdl-msds_author@agilent.com

1.4 Emergency telephone number

Emergency telephone number (with hours of operation): CHEMTREC®: +(44)-870-8200418

Date of issue/Date of revision: 21/11/2017
SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition:
Nominal 1K: Mono-constituent substance
Nominal 3K: Mono-constituent substance
Nominal 7K: Mono-constituent substance
Nominal 13K: Mono-constituent substance
Nominal 30K: Mono-constituent substance
Nominal 70K: Mono-constituent substance
Nominal 130K: Mono-constituent substance
Nominal 300K: Mono-constituent substance
Nominal 700K: Mono-constituent substance
Nominal 1 Million: Mono-constituent substance

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Nominal 1K
H319: SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

Nominal 3K
H319: SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

Nominal 7K
H319: SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

Nominal 13K
H319: SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

Nominal 30K
H319: SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

Nominal 70K
H319: SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

Nominal 130K
H319: SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

Nominal 300K
H319: SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

Nominal 700K
H319: SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

Nominal 1 Million
H319: SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

See Section 16 for the full text of the H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements
### SECTION 2: Hazards identification

#### Hazard statements

<table>
<thead>
<tr>
<th>Nominal</th>
<th>Hazard Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1K</td>
<td>H319 - Causes serious eye irritation.</td>
</tr>
<tr>
<td>3K</td>
<td>H319 - Causes serious eye irritation.</td>
</tr>
<tr>
<td>7K</td>
<td>H319 - Causes serious eye irritation.</td>
</tr>
<tr>
<td>13K</td>
<td>H319 - Causes serious eye irritation.</td>
</tr>
<tr>
<td>30K</td>
<td>H319 - Causes serious eye irritation.</td>
</tr>
<tr>
<td>70K</td>
<td>H319 - Causes serious eye irritation.</td>
</tr>
<tr>
<td>130K</td>
<td>H319 - Causes serious eye irritation.</td>
</tr>
<tr>
<td>300K</td>
<td>H319 - Causes serious eye irritation.</td>
</tr>
<tr>
<td>700K</td>
<td>H319 - Causes serious eye irritation.</td>
</tr>
<tr>
<td>1 Million</td>
<td>H319 - Causes serious eye irritation.</td>
</tr>
</tbody>
</table>

#### Precautionary statements

**Prevention**

<table>
<thead>
<tr>
<th>Nominal</th>
<th>Precautionary Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1K</td>
<td>P280 - Wear eye or face protection.</td>
</tr>
<tr>
<td></td>
<td>P264 - Wash hands thoroughly after handling.</td>
</tr>
<tr>
<td>3K</td>
<td>P280 - Wear eye or face protection.</td>
</tr>
<tr>
<td></td>
<td>P264 - Wash hands thoroughly after handling.</td>
</tr>
<tr>
<td>7K</td>
<td>P280 - Wear eye or face protection.</td>
</tr>
<tr>
<td></td>
<td>P264 - Wash hands thoroughly after handling.</td>
</tr>
<tr>
<td>13K</td>
<td>P280 - Wear eye or face protection.</td>
</tr>
<tr>
<td></td>
<td>P264 - Wash hands thoroughly after handling.</td>
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<tr>
<td>30K</td>
<td>P280 - Wear eye or face protection.</td>
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<td></td>
<td>P264 - Wash hands thoroughly after handling.</td>
</tr>
<tr>
<td>70K</td>
<td>P280 - Wear eye or face protection.</td>
</tr>
<tr>
<td></td>
<td>P264 - Wash hands thoroughly after handling.</td>
</tr>
<tr>
<td>130K</td>
<td>P280 - Wear eye or face protection.</td>
</tr>
<tr>
<td></td>
<td>P264 - Wash hands thoroughly after handling.</td>
</tr>
<tr>
<td>300K</td>
<td>P280 - Wear eye or face protection.</td>
</tr>
<tr>
<td></td>
<td>P264 - Wash hands thoroughly after handling.</td>
</tr>
<tr>
<td>700K</td>
<td>P280 - Wear eye or face protection.</td>
</tr>
<tr>
<td></td>
<td>P264 - Wash hands thoroughly after handling.</td>
</tr>
<tr>
<td>1 Million</td>
<td>P280 - Wear eye or face protection.</td>
</tr>
<tr>
<td></td>
<td>P264 - Wash hands thoroughly after handling.</td>
</tr>
</tbody>
</table>

**Response**

<table>
<thead>
<tr>
<th>Nominal</th>
<th>Response Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1K</td>
<td>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>3K</td>
<td>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>7K</td>
<td>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>13K</td>
<td>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>30K</td>
<td>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>70K</td>
<td>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>130K</td>
<td>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>300K</td>
<td>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>700K</td>
<td>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>1 Million</td>
<td>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
</tbody>
</table>
SECTION 2: Hazards identification

Storage:
- Nominal 1K: Not applicable.
- Nominal 3K: Not applicable.
- Nominal 7K: Not applicable.
- Nominal 13K: Not applicable.
- Nominal 30K: Not applicable.
- Nominal 70K: Not applicable.
- Nominal 130K: Not applicable.
- Nominal 300K: Not applicable.
- Nominal 700K: Not applicable.
- Nominal 1 Million: Not applicable.

Disposal:
- Nominal 1K: Not applicable.
- Nominal 3K: Not applicable.
- Nominal 7K: Not applicable.
- Nominal 13K: Not applicable.
- Nominal 30K: Not applicable.
- Nominal 70K: Not applicable.
- Nominal 130K: Not applicable.
- Nominal 300K: Not applicable.
- Nominal 700K: Not applicable.
- Nominal 1 Million: Not applicable.

Supplemental label elements:
- Nominal 1K: Not applicable.
- Nominal 3K: Not applicable.
- Nominal 7K: Not applicable.
- Nominal 13K: Not applicable.
- Nominal 30K: Not applicable.
- Nominal 70K: Not applicable.
- Nominal 130K: Not applicable.
- Nominal 300K: Not applicable.
- Nominal 700K: Not applicable.
- Nominal 1 Million: Not applicable.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:
- Nominal 1K: Not applicable.
- Nominal 3K: Not applicable.
- Nominal 7K: Not applicable.
- Nominal 13K: Not applicable.
- Nominal 30K: Not applicable.
- Nominal 70K: Not applicable.
- Nominal 130K: Not applicable.
- Nominal 300K: Not applicable.
- Nominal 700K: Not applicable.
- Nominal 1 Million: Not applicable.

Special packaging requirements:
- Tactile warning of danger:
  - Nominal 1K: Not applicable.
  - Nominal 3K: Not applicable.
  - Nominal 7K: Not applicable.
  - Nominal 13K: Not applicable.
  - Nominal 30K: Not applicable.
  - Nominal 70K: Not applicable.
  - Nominal 130K: Not applicable.
  - Nominal 300K: Not applicable.
  - Nominal 700K: Not applicable.
  - Nominal 1 Million: Not applicable.

2.3 Other hazards:
Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII:
- No.
  P: Not available. B: Not available. T: No.
PolyAcrylic Acid KIT, Part Number PL2140-0100


SECTION 2: Hazards identification

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

Other hazards which do not result in classification:

Nominal 1K: May form explosible dust-air mixture if dispersed.
Nominal 3K: May form explosible dust-air mixture if dispersed.
Nominal 7K: May form explosible dust-air mixture if dispersed.
Nominal 13K: May form explosible dust-air mixture if dispersed.
Nominal 30K: May form explosible dust-air mixture if dispersed.
Nominal 70K: May form explosible dust-air mixture if dispersed.
Nominal 130K: May form explosible dust-air mixture if dispersed.
Nominal 300K: May form explosible dust-air mixture if dispersed.
Nominal 700K: May form explosible dust-air mixture if dispersed.
Nominal 1 Million: May form explosible dust-air mixture if dispersed.

SECTION 3: Composition/information on ingredients

3.1 Substances:

Nominal 1K: Mono-constituent substance
Nominal 3K: Mono-constituent substance
Nominal 7K: Mono-constituent substance
Nominal 13K: Mono-constituent substance
Nominal 30K: Mono-constituent substance
Nominal 70K: Mono-constituent substance
Nominal 130K: Mono-constituent substance
Nominal 300K: Mono-constituent substance
Nominal 700K: Mono-constituent substance
Nominal 1 Million: Mono-constituent substance

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Identifiers</th>
<th>%</th>
<th>Regulation (EC) No. 1272/2008 [CLP]</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal 1K Sodium poly acrylate</td>
<td>CAS: 9003-04-7</td>
<td>100</td>
<td>Eye Irrit. 2, H319</td>
<td>[A]</td>
</tr>
<tr>
<td>Nominal 3K Sodium poly acrylate</td>
<td>CAS: 9003-04-7</td>
<td>100</td>
<td>Eye Irrit. 2, H319</td>
<td>[A]</td>
</tr>
<tr>
<td>Nominal 7K Sodium poly acrylate</td>
<td>CAS: 9003-04-7</td>
<td>100</td>
<td>Eye Irrit. 2, H319</td>
<td>[A]</td>
</tr>
<tr>
<td>Nominal 13K Sodium poly acrylate</td>
<td>CAS: 9003-04-7</td>
<td>100</td>
<td>Eye Irrit. 2, H319</td>
<td>[A]</td>
</tr>
<tr>
<td>Nominal 30K Sodium poly acrylate</td>
<td>CAS: 9003-04-7</td>
<td>100</td>
<td>Eye Irrit. 2, H319</td>
<td>[A]</td>
</tr>
<tr>
<td>Nominal 70K Sodium poly acrylate</td>
<td>CAS: 9003-04-7</td>
<td>100</td>
<td>Eye Irrit. 2, H319</td>
<td>[A]</td>
</tr>
<tr>
<td>Nominal 130K Sodium poly acrylate</td>
<td>CAS: 9003-04-7</td>
<td>100</td>
<td>Eye Irrit. 2, H319</td>
<td>[A]</td>
</tr>
<tr>
<td>Nominal 300K Sodium poly acrylate</td>
<td>CAS: 9003-04-7</td>
<td>100</td>
<td>Eye Irrit. 2, H319</td>
<td>[A]</td>
</tr>
<tr>
<td>Nominal 700K Sodium poly acrylate</td>
<td>CAS: 9003-04-7</td>
<td>100</td>
<td>Eye Irrit. 2, H319</td>
<td>[A]</td>
</tr>
<tr>
<td>Nominal 1 Million Sodium poly acrylate</td>
<td>CAS: 9003-04-7</td>
<td>100</td>
<td>Eye Irrit. 2, H319</td>
<td>[A]</td>
</tr>
</tbody>
</table>

Date of issue/Date of revision: 21/11/2017
**SECTION 3: Composition/information on ingredients**

<table>
<thead>
<tr>
<th>Type</th>
<th>Constituent</th>
<th>Impurity</th>
<th>Stabilising additive</th>
</tr>
</thead>
</table>

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**Eye contact**

**Nominal 1K**
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Nominal 3K**
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Nominal 7K**
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Nominal 13K**
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Nominal 30K**
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Nominal 70K**
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Nominal 130K**
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Nominal 300K**
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Nominal 700K**
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Nominal 1 Million**
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
SECTION 4: First aid measures

**Inhalation**

<table>
<thead>
<tr>
<th>Nominal</th>
<th>First Aid Measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>1K</td>
<td>Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</td>
</tr>
<tr>
<td>3K</td>
<td>Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</td>
</tr>
<tr>
<td>7K</td>
<td>Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</td>
</tr>
<tr>
<td>13K</td>
<td>Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</td>
</tr>
<tr>
<td>30K</td>
<td>Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</td>
</tr>
<tr>
<td>70K</td>
<td>Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</td>
</tr>
<tr>
<td>130K</td>
<td>Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</td>
</tr>
</tbody>
</table>
SECTION 4: First aid measures

irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Nominal 300K
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Nominal 700K
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Nominal 1 Million
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact

: Nominal 1K
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Nominal 3K
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Nominal 7K
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Nominal 13K
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Nominal 30K
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Nominal 70K
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
**SECTION 4: First aid measures**

| Nominal 130K | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| Nominal 300K | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| Nominal 700K | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| Nominal 1 Million | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |

**Ingestion**

- Nominal 1K

  - Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

- Nominal 3K

  - Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

- Nominal 7K

  - Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

- Nominal 13K

  - Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
SECTION 4: First aid measures

of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Nominal 30K
Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Nominal 70K
Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Nominal 130K
Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Nominal 300K
Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
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unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Nominal 700K
Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Nominal 1 Million
Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Protection of first-aiders:

Nominal 1K
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Nominal 3K
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Nominal 7K
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Nominal 13K
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Nominal 30K
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Nominal 70K
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Nominal 130K
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Nominal 300K
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Nominal 700K
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Nominal 1 Million
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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SECTION 4: First aid measures

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact:
- Nominal 1K: Causes serious eye irritation.
- Nominal 3K: Causes serious eye irritation.
- Nominal 7K: Causes serious eye irritation.
- Nominal 13K: Causes serious eye irritation.
- Nominal 30K: Causes serious eye irritation.
- Nominal 70K: Causes serious eye irritation.
- Nominal 130K: Causes serious eye irritation.
- Nominal 300K: Causes serious eye irritation.
- Nominal 700K: Causes serious eye irritation.
- Nominal 1 Million: Causes serious eye irritation.

Skin contact:
- Nominal 1K: No known significant effects or critical hazards.
- Nominal 3K: No known significant effects or critical hazards.
- Nominal 7K: No known significant effects or critical hazards.
- Nominal 13K: No known significant effects or critical hazards.
- Nominal 30K: No known significant effects or critical hazards.
- Nominal 70K: No known significant effects or critical hazards.
- Nominal 130K: No known significant effects or critical hazards.
- Nominal 300K: No known significant effects or critical hazards.
- Nominal 700K: No known significant effects or critical hazards.
- Nominal 1 Million: No known significant effects or critical hazards.

Inhalation:
- Nominal 1K: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Nominal 3K: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Nominal 7K: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Nominal 13K: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Nominal 30K: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Nominal 70K: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Nominal 130K: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Nominal 300K: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Nominal 700K: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Nominal 1 Million: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
SECTION 4: First aid measures

Ingestion:
- Nominal 1K: No known significant effects or critical hazards.
- Nominal 3K: No known significant effects or critical hazards.
- Nominal 7K: No known significant effects or critical hazards.
- Nominal 13K: No known significant effects or critical hazards.
- Nominal 30K: No known significant effects or critical hazards.
- Nominal 70K: No known significant effects or critical hazards.
- Nominal 130K: No known significant effects or critical hazards.
- Nominal 300K: No known significant effects or critical hazards.
- Nominal 700K: No known significant effects or critical hazards.
- Nominal 1 Million: No known significant effects or critical hazards.

Over-exposure signs/symptoms:

Eye contact:
- Nominal 1K: Adverse symptoms may include the following: pain or irritation, watering, redness.
- Nominal 3K: Adverse symptoms may include the following: pain or irritation, watering, redness.
- Nominal 7K: Adverse symptoms may include the following: pain or irritation, watering, redness.
- Nominal 13K: Adverse symptoms may include the following: pain or irritation, watering, redness.
- Nominal 30K: Adverse symptoms may include the following: pain or irritation, watering, redness.
- Nominal 70K: Adverse symptoms may include the following: pain or irritation, watering, redness.
- Nominal 130K: Adverse symptoms may include the following: pain or irritation, watering, redness.
- Nominal 300K: Adverse symptoms may include the following: pain or irritation, watering, redness.
- Nominal 700K: Adverse symptoms may include the following: pain or irritation, watering, redness.
- Nominal 1 Million: Adverse symptoms may include the following: pain or irritation, watering, redness.

Inhalation:
- Nominal 1K: Adverse symptoms may include the following: respiratory tract irritation, coughing.
- Nominal 3K: Adverse symptoms may include the following: respiratory tract irritation, coughing.
- Nominal 7K: Adverse symptoms may include the following: respiratory tract irritation, coughing.
- Nominal 13K: Adverse symptoms may include the following: respiratory tract irritation, coughing.
SECTION 4: First aid measures

Skin contact:
- Nominal 1K: No specific data.
- Nominal 3K: No specific data.
- Nominal 7K: No specific data.
- Nominal 13K: No specific data.
- Nominal 30K: No specific data.
- Nominal 70K: No specific data.
- Nominal 130K: No specific data.
- Nominal 300K: No specific data.
- Nominal 700K: No specific data.
- Nominal 1 Million: No specific data.

Ingestion:
- Nominal 1K: No specific data.
- Nominal 3K: No specific data.
- Nominal 7K: No specific data.
- Nominal 13K: No specific data.
- Nominal 30K: No specific data.
- Nominal 70K: No specific data.
- Nominal 130K: No specific data.
- Nominal 300K: No specific data.
- Nominal 700K: No specific data.
- Nominal 1 Million: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician:
- Nominal 1K: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Nominal 3K: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Nominal 7K: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Nominal 13K: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Nominal 30K: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Nominal 70K: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Nominal 130K: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Nominal 300K: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Nominal 700K: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Nominal 1 Million: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SECTION 4: First aid measures

Specific treatments

| Nominal 1K | No specific treatment. |
| Nominal 3K | No specific treatment. |
| Nominal 7K | No specific treatment. |
| Nominal 13K | No specific treatment. |
| Nominal 30K | No specific treatment. |
| Nominal 70K | No specific treatment. |
| Nominal 130K | No specific treatment. |
| Nominal 300K | No specific treatment. |
| Nominal 700K | No specific treatment. |
| Nominal 1 Million | No specific treatment. |

immediately if large quantities have been ingested or inhaled.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

| Nominal 1K | Use dry chemical powder. |
| Nominal 3K | Use dry chemical powder. |
| Nominal 7K | Use dry chemical powder. |
| Nominal 13K | Use dry chemical powder. |
| Nominal 30K | Use dry chemical powder. |
| Nominal 70K | Use dry chemical powder. |
| Nominal 130K | Use dry chemical powder. |
| Nominal 300K | Use dry chemical powder. |
| Nominal 700K | Use dry chemical powder. |
| Nominal 1 Million | Use dry chemical powder. |

Unsuitable extinguishing media

| Nominal 1K | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
| Nominal 3K | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
| Nominal 7K | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
| Nominal 13K | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
| Nominal 30K | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
| Nominal 70K | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
| Nominal 130K | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
| Nominal 300K | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
| Nominal 700K | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
| Nominal 1 Million | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |

5.2 Special hazards arising from the substance or mixture

Hazard from the substance or mixture

| Nominal 1K | May form explosible dust-air mixture if dispersed. |
| Nominal 3K | May form explosible dust-air mixture if dispersed. |
| Nominal 7K | May form explosible dust-air mixture if dispersed. |
| Nominal 13K | May form explosible dust-air mixture if dispersed. |
| Nominal 30K | May form explosible dust-air mixture if dispersed. |
| Nominal 70K | May form explosible dust-air mixture if dispersed. |
| Nominal 130K | May form explosible dust-air mixture if dispersed. |
| Nominal 300K | May form explosible dust-air mixture if dispersed. |
| Nominal 700K | May form explosible dust-air mixture if dispersed. |
| Nominal 1 Million | May form explosible dust-air mixture if dispersed. |
### SECTION 5: Firefighting measures

<table>
<thead>
<tr>
<th>Hazardous combustion products</th>
<th>Nominal 1K</th>
<th>Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal 3K</td>
<td></td>
<td>Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides</td>
</tr>
<tr>
<td>Nominal 7K</td>
<td></td>
<td>Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides</td>
</tr>
<tr>
<td>Nominal 13K</td>
<td></td>
<td>Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides</td>
</tr>
<tr>
<td>Nominal 30K</td>
<td></td>
<td>Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides</td>
</tr>
<tr>
<td>Nominal 70K</td>
<td></td>
<td>Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides</td>
</tr>
<tr>
<td>Nominal 130K</td>
<td></td>
<td>Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides</td>
</tr>
<tr>
<td>Nominal 300K</td>
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<td>Nominal 700K</td>
<td></td>
<td>Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides</td>
</tr>
<tr>
<td>Nominal 1 Million</td>
<td></td>
<td>Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides</td>
</tr>
</tbody>
</table>

#### 5.3 Advice for firefighters

**Special precautions for fire-fighters**

<table>
<thead>
<tr>
<th>Nominal 1K</th>
<th>Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal 3K</td>
<td>Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.</td>
</tr>
<tr>
<td>Nominal 7K</td>
<td>Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.</td>
</tr>
<tr>
<td>Nominal 13K</td>
<td>Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.</td>
</tr>
</tbody>
</table>
SECTION 5: Firefighting measures

Nominal 30K  
Risk. Use water spray to keep fire-exposed containers cool. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Nominal 70K  
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Nominal 130K  
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Nominal 300K  
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Nominal 700K  
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Nominal 1 Million  
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters:

Nominal 1K  
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Nominal 3K  
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Nominal 7K  
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Nominal 13K  
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Nominal 30K  
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Nominal 70K  
Fire-fighters should wear appropriate protective equipment
SECTION 5: Firefighting measures

and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Nominal 130K
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Nominal 300K
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Nominal 700K
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Nominal 1 Million
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Nominal 1K
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Nominal 3K
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Nominal 7K
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Nominal 13K
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

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area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Nominal 30K
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Nominal 70K
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Nominal 130K
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Nominal 300K
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Nominal 700K
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Nominal 1 Million
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders:

Nominal 1K
If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Nominal 3K
If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Nominal 7K
If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-
Nominal 13K
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Nominal 30K
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Nominal 70K
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Nominal 130K
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Nominal 300K
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Nominal 700K
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Nominal 1 Million
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
## SECTION 6: Accidental release measures

<table>
<thead>
<tr>
<th>Nominal Value</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>700K</td>
<td>Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).</td>
</tr>
<tr>
<td>1 Million</td>
<td>Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).</td>
</tr>
</tbody>
</table>

### 6.3 Methods and material for containment and cleaning up

**Methods for cleaning up:** Nominal 1K
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Nominal 3K
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Nominal 7K
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Nominal 13K
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Nominal 30K
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Nominal 70K
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Nominal 130K
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Nominal 300K
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Nominal 700K
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Nominal 1 Million
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
SECTION 6: Accidental release measures

6.4 Reference to other sections
See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Nominal 1K
Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Nominal 3K
Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Nominal 7K
Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Nominal 13K
Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition.
SECTION 7: Handling and storage

(spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Nominal 30K
Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Nominal 70K
Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Nominal 130K
Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
SECTION 7: Handling and storage

Nominal 300K

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Nominal 700K

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Nominal 1 Million

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene

- Nominal 1K: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Nominal 3K: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating.
SECTION 7: Handling and storage

Nominal 7K
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Nominal 13K
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Nominal 30K
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Nominal 70K
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Nominal 130K
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Nominal 300K
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Nominal 700K
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Nominal 1 Million
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Nominal 1K
Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept...
SECTION 7: Handling and storage

Nominal 3K

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Nominal 7K

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Nominal 13K

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Nominal 30K

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Nominal 70K

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SECTION 7: Handling and storage

Nominal 130K
Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Nominal 300K
Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Nominal 700K
Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Nominal 1 Million
Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)
Recommendations:
- Nominal 1K: Industrial applications, Professional applications.
- Nominal 3K: Industrial applications, Professional applications.
- Nominal 7K: Industrial applications, Professional applications.
- Nominal 13K: Industrial applications, Professional applications.
- Nominal 30K: Industrial applications, Professional applications.
- Nominal 70K: Industrial applications, Professional applications.
- Nominal 130K: Industrial applications, Professional applications.
- Nominal 300K: Industrial applications, Professional applications.
- Nominal 700K: Industrial applications, Professional applications.

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SECTION 7: Handling and storage

<table>
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<td>Nominal 3K</td>
<td>Not applicable.</td>
</tr>
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<td></td>
<td>Nominal 7K</td>
<td>Not applicable.</td>
</tr>
<tr>
<td></td>
<td>Nominal 13K</td>
<td>Not applicable.</td>
</tr>
<tr>
<td></td>
<td>Nominal 30K</td>
<td>Not applicable.</td>
</tr>
<tr>
<td></td>
<td>Nominal 70K</td>
<td>Not applicable.</td>
</tr>
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<td></td>
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</tr>
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<td></td>
<td>Nominal 300K</td>
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<td></td>
<td>Nominal 1 Million</td>
<td>Not applicable.</td>
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</table>

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

Appropriate engineering controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

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SECTION 8: Exposure controls/personal protection

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state: Nominal 1K Solid. [Powder.]
Nominal 3K Solid. [Powder.]
Nominal 7K Solid. [Powder.]
Nominal 13K Solid. [Powder.]
Nominal 30K Solid. [Powder.]
Nominal 70K Solid. [Powder.]
Nominal 130K Solid. [Powder.]
Nominal 300K Solid. [Powder.]
Nominal 700K Solid. [Powder.]
Nominal 1 Million Solid. [Powder.]

Colour: Nominal 1K White.
Nominal 3K White.
Nominal 7K White.
Nominal 13K White.
Nominal 30K White.
Nominal 70K White.
Nominal 130K White.
Nominal 300K White.
Nominal 700K White.
Nominal 1 Million White.

Odour: Nominal 1K Acetic acid. [Slight]
Nominal 3K Acetic acid. [Slight]
Nominal 7K Acetic acid. [Slight]
Nominal 13K Acetic acid. [Slight]
Nominal 30K Acetic acid. [Slight]
Nominal 70K Acetic acid. [Slight]
Nominal 130K Acetic acid. [Slight]
Nominal 300K Acetic acid. [Slight]
Nominal 700K Acetic acid. [Slight]
Nominal 1 Million Acetic acid. [Slight]

Odour threshold: Nominal 1K Not available.
Nominal 3K Not available.
Nominal 7K Not available.
Nominal 13K Not available.
Nominal 30K Not available.
Nominal 70K Not available.
Nominal 130K Not available.
Nominal 300K Not available.
Nominal 700K Not available.
Nominal 1 Million Not available.

Date of issue/Date of revision: 21/11/2017
### SECTION 9: Physical and chemical properties

<table>
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<th>Nominal 7K</th>
<th>Nominal 13K</th>
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<th>Nominal 70K</th>
<th>Nominal 130K</th>
<th>Nominal 300K</th>
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### SECTION 9: Physical and chemical properties

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</table>
**SECTION 9: Physical and chemical properties**

**Partition coefficient: n-octanol/water**
- Nominal 1K: Not available.
- Nominal 3K: Not available.
- Nominal 7K: Not available.
- Nominal 13K: Not available.
- Nominal 30K: Not available.
- Nominal 70K: Not available.
- Nominal 130K: Not available.
- Nominal 300K: Not available.
- Nominal 700K: Not available.
- Nominal 1 Million: Not available.

**Auto-ignition temperature**
- Nominal 1K: Not available.
- Nominal 3K: Not available.
- Nominal 7K: Not available.
- Nominal 13K: Not available.
- Nominal 30K: Not available.
- Nominal 70K: Not available.
- Nominal 130K: Not available.
- Nominal 300K: Not available.
- Nominal 700K: Not available.
- Nominal 1 Million: Not available.

**Decomposition temperature**
- Nominal 1K: Not available.
- Nominal 3K: Not available.
- Nominal 7K: Not available.
- Nominal 13K: Not available.
- Nominal 30K: Not available.
- Nominal 70K: Not available.
- Nominal 130K: Not available.
- Nominal 300K: Not available.
- Nominal 700K: Not available.
- Nominal 1 Million: Not available.

**Viscosity**
- Nominal 1K: Not available.
- Nominal 3K: Not available.
- Nominal 7K: Not available.
- Nominal 13K: Not available.
- Nominal 30K: Not available.
- Nominal 70K: Not available.
- Nominal 130K: Not available.
- Nominal 300K: Not available.
- Nominal 700K: Not available.
- Nominal 1 Million: Not available.

**Explosive properties**
- Nominal 1K: Not available.
- Nominal 3K: Not available.
- Nominal 7K: Not available.
- Nominal 13K: Not available.
- Nominal 30K: Not available.
- Nominal 70K: Not available.
- Nominal 130K: Not available.
- Nominal 300K: Not available.
- Nominal 700K: Not available.
- Nominal 1 Million: Not available.

**Oxidising properties**
- Nominal 1K: Not available.
- Nominal 3K: Not available.
- Nominal 7K: Not available.
- Nominal 13K: Not available.
- Nominal 30K: Not available.
- Nominal 70K: Not available.
- Nominal 130K: Not available.
- Nominal 300K: Not available.
- Nominal 700K: Not available.
- Nominal 1 Million: Not available.

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SECTION 9: Physical and chemical properties

9.2 Other information
No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity

Nominal 1K: No specific test data related to reactivity available for this product or its ingredients.
Nominal 3K: No specific test data related to reactivity available for this product or its ingredients.
Nominal 7K: No specific test data related to reactivity available for this product or its ingredients.
Nominal 13K: No specific test data related to reactivity available for this product or its ingredients.
Nominal 30K: No specific test data related to reactivity available for this product or its ingredients.
Nominal 70K: No specific test data related to reactivity available for this product or its ingredients.
Nominal 130K: No specific test data related to reactivity available for this product or its ingredients.
Nominal 300K: No specific test data related to reactivity available for this product or its ingredients.
Nominal 700K: No specific test data related to reactivity available for this product or its ingredients.
Nominal 1 Million: No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

Nominal 1K: The product is stable.
Nominal 3K: The product is stable.
Nominal 7K: The product is stable.
Nominal 13K: The product is stable.
Nominal 30K: The product is stable.
Nominal 70K: The product is stable.
Nominal 130K: The product is stable.
Nominal 300K: The product is stable.
Nominal 700K: The product is stable.
Nominal 1 Million: The product is stable.

10.3 Possibility of hazardous reactions

Nominal 1K: Under normal conditions of storage and use, hazardous reactions will not occur.
Nominal 3K: Under normal conditions of storage and use, hazardous reactions will not occur.
Nominal 7K: Under normal conditions of storage and use, hazardous reactions will not occur.
Nominal 13K: Under normal conditions of storage and use, hazardous reactions will not occur.
Nominal 30K: Under normal conditions of storage and use, hazardous reactions will not occur.
Nominal 70K: Under normal conditions of storage and use, hazardous reactions will not occur.
Nominal 130K: Under normal conditions of storage and use, hazardous reactions will not occur.
Nominal 300K: Under normal conditions of storage and use, hazardous reactions will not occur.
Nominal 700K: Under normal conditions of storage and use, hazardous reactions will not occur.
Nominal 1 Million: Under normal conditions of storage and use, hazardous reactions will not occur.
SECTION 10: Stability and reactivity

10.4 Conditions to avoid

**Nominal 1K**
Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. Moisture-sensitive material.

**Nominal 3K**
Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. Moisture-sensitive material.

**Nominal 7K**
Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. Moisture-sensitive material.

**Nominal 13K**
Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. Moisture-sensitive material.

**Nominal 30K**
Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. Moisture-sensitive material.

**Nominal 70K**
Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. Moisture-sensitive material.

**Nominal 130K**
Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. Moisture-sensitive material.

**Nominal 300K**
Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. Moisture-sensitive material.

**Nominal 700K**
Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation.
SECTION 10: Stability and reactivity

10.6 Hazardous decomposition products

<table>
<thead>
<tr>
<th>Nominal</th>
<th>Hazardous decomposition products</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Million</td>
<td>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</td>
</tr>
<tr>
<td>1K</td>
<td>Reactive or incompatible with the following materials: oxidizing materials</td>
</tr>
<tr>
<td>3K</td>
<td>Reactive or incompatible with the following materials: oxidizing materials</td>
</tr>
<tr>
<td>7K</td>
<td>Reactive or incompatible with the following materials: oxidizing materials</td>
</tr>
<tr>
<td>13K</td>
<td>Reactive or incompatible with the following materials: oxidizing materials</td>
</tr>
<tr>
<td>30K</td>
<td>Reactive or incompatible with the following materials: oxidizing materials</td>
</tr>
<tr>
<td>70K</td>
<td>Reactive or incompatible with the following materials: oxidizing materials</td>
</tr>
<tr>
<td>130K</td>
<td>Reactive or incompatible with the following materials: oxidizing materials</td>
</tr>
<tr>
<td>300K</td>
<td>Reactive or incompatible with the following materials: oxidizing materials</td>
</tr>
<tr>
<td>700K</td>
<td>Reactive or incompatible with the following materials: oxidizing materials</td>
</tr>
<tr>
<td>1 Million</td>
<td>Reactive or incompatible with the following materials: oxidizing materials</td>
</tr>
</tbody>
</table>

10.5 Incompatible materials

<table>
<thead>
<tr>
<th>Nominal</th>
<th>Incompatible with the following materials:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1K</td>
<td>oxidizing materials</td>
</tr>
<tr>
<td>3K</td>
<td>oxidizing materials</td>
</tr>
<tr>
<td>7K</td>
<td>oxidizing materials</td>
</tr>
<tr>
<td>13K</td>
<td>oxidizing materials</td>
</tr>
<tr>
<td>30K</td>
<td>oxidizing materials</td>
</tr>
<tr>
<td>70K</td>
<td>oxidizing materials</td>
</tr>
<tr>
<td>130K</td>
<td>oxidizing materials</td>
</tr>
<tr>
<td>300K</td>
<td>oxidizing materials</td>
</tr>
<tr>
<td>700K</td>
<td>oxidizing materials</td>
</tr>
<tr>
<td>1 Million</td>
<td>oxidizing materials</td>
</tr>
</tbody>
</table>

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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## SECTION 11: Toxicological information

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal 1K</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;8250 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 3K</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;8250 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 7K</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;8250 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 13K</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;8250 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 30K</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;8250 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 70K</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;8250 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 130K</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;8250 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 300K</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;8250 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 700K</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;8250 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 1 Million</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;8250 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Irritation/Corrosion

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Score</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal 1K</td>
<td>Eyes - Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>2 milligrams</td>
<td>-</td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 3K</td>
<td>Eyes - Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>2 milligrams</td>
<td>-</td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 7K</td>
<td>Eyes - Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>2 milligrams</td>
<td>-</td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 13K</td>
<td>Eyes - Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>2 milligrams</td>
<td>-</td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 30K</td>
<td>Eyes - Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>2 milligrams</td>
<td>-</td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 70K</td>
<td>Eyes - Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>2 milligrams</td>
<td>-</td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 130K</td>
<td>Eyes - Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>2 milligrams</td>
<td>-</td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 300K</td>
<td>Eyes - Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>2 milligrams</td>
<td>-</td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal 700K</td>
<td>Eyes - Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>2 milligrams</td>
<td>-</td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date of issue/Date of revision: 21/11/2017
### SECTION 11: Toxicological information

<table>
<thead>
<tr>
<th>Nominal 1 Million</th>
<th>Sodium poly acrylate</th>
<th>Eyes - Moderate irritant</th>
<th>Rabbit</th>
<th>-</th>
<th>2 milligrams</th>
<th>-</th>
</tr>
</thead>
</table>

**Sensitiser**

**Conclusion/Summary**: Not available.

**Specific target organ toxicity (single exposure)**

Not available.

**Specific target organ toxicity (repeated exposure)**

Not available.

**Aspiration hazard**

Not available.

**Information on likely routes of exposure**

<table>
<thead>
<tr>
<th>Nominal 1K</th>
<th>Routes of entry anticipated: Oral, Dermal, Inhalation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal 3K</td>
<td>Routes of entry anticipated: Oral, Dermal, Inhalation.</td>
</tr>
<tr>
<td>Nominal 7K</td>
<td>Routes of entry anticipated: Oral, Dermal, Inhalation.</td>
</tr>
<tr>
<td>Nominal 13K</td>
<td>Routes of entry anticipated: Oral, Dermal, Inhalation.</td>
</tr>
<tr>
<td>Nominal 30K</td>
<td>Routes of entry anticipated: Oral, Dermal, Inhalation.</td>
</tr>
<tr>
<td>Nominal 70K</td>
<td>Routes of entry anticipated: Oral, Dermal, Inhalation.</td>
</tr>
<tr>
<td>Nominal 130K</td>
<td>Routes of entry anticipated: Oral, Dermal, Inhalation.</td>
</tr>
<tr>
<td>Nominal 300K</td>
<td>Routes of entry anticipated: Oral, Dermal, Inhalation.</td>
</tr>
<tr>
<td>Nominal 700K</td>
<td>Routes of entry anticipated: Oral, Dermal, Inhalation.</td>
</tr>
<tr>
<td>Nominal 1 Million</td>
<td>Routes of entry anticipated: Oral, Dermal, Inhalation.</td>
</tr>
</tbody>
</table>

**Potential acute health effects**

**Inhalation**

<table>
<thead>
<tr>
<th>Nominal 1K</th>
<th>Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal 3K</td>
<td>Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.</td>
</tr>
<tr>
<td>Nominal 7K</td>
<td>Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.</td>
</tr>
<tr>
<td>Nominal 13K</td>
<td>Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.</td>
</tr>
<tr>
<td>Nominal 30K</td>
<td>Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.</td>
</tr>
<tr>
<td>Nominal 70K</td>
<td>Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.</td>
</tr>
<tr>
<td>Nominal 130K</td>
<td>Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.</td>
</tr>
<tr>
<td>Nominal 300K</td>
<td>Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.</td>
</tr>
<tr>
<td>Nominal 700K</td>
<td>Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.</td>
</tr>
<tr>
<td>Nominal 1 Million</td>
<td>Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.</td>
</tr>
</tbody>
</table>

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## SECTION 11: Toxicological information

### Ingestion

<table>
<thead>
<tr>
<th>Nominal</th>
<th>Toxicological information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>3K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>7K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>13K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>30K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>70K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>130K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>300K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>700K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>1 Million</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

### Skin contact

<table>
<thead>
<tr>
<th>Nominal</th>
<th>Toxicological information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>3K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>7K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>13K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>30K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>70K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>130K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>300K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>700K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>1 Million</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

### Eye contact

<table>
<thead>
<tr>
<th>Nominal</th>
<th>Toxicological information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1K</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>3K</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>7K</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>13K</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>30K</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>70K</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>130K</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>300K</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>700K</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>1 Million</td>
<td>Causes serious eye irritation.</td>
</tr>
</tbody>
</table>

### Symptoms related to the physical, chemical and toxicological characteristics

### Inhalation

<table>
<thead>
<tr>
<th>Nominal</th>
<th>Toxicological information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1K</td>
<td>Adverse symptoms may include the following: respiratory tract irritation coughing</td>
</tr>
<tr>
<td>3K</td>
<td>Adverse symptoms may include the following: respiratory tract irritation coughing</td>
</tr>
<tr>
<td>7K</td>
<td>Adverse symptoms may include the following: respiratory tract irritation coughing</td>
</tr>
<tr>
<td>13K</td>
<td>Adverse symptoms may include the following: respiratory tract irritation coughing</td>
</tr>
<tr>
<td>30K</td>
<td>Adverse symptoms may include the following: respiratory tract irritation coughing</td>
</tr>
<tr>
<td>70K</td>
<td>Adverse symptoms may include the following: respiratory tract irritation coughing</td>
</tr>
<tr>
<td>130K</td>
<td>Adverse symptoms may include the following: respiratory tract irritation coughing</td>
</tr>
<tr>
<td>300K</td>
<td>Adverse symptoms may include the following: respiratory tract irritation coughing</td>
</tr>
<tr>
<td>700K</td>
<td>Adverse symptoms may include the following: respiratory tract irritation coughing</td>
</tr>
<tr>
<td>1 Million</td>
<td>Adverse symptoms may include the following: respiratory tract irritation coughing</td>
</tr>
</tbody>
</table>
SECTION 11: Toxicological information

Ingestion:

- Nominal 1K: No specific data.
- Nominal 3K: No specific data.
- Nominal 7K: No specific data.
- Nominal 13K: No specific data.
- Nominal 30K: No specific data.
- Nominal 70K: No specific data.
- Nominal 130K: No specific data.
- Nominal 300K: No specific data.
- Nominal 700K: No specific data.
- Nominal 1 Million: No specific data.

Skin contact:

- Nominal 1K: No specific data.
- Nominal 3K: No specific data.
- Nominal 7K: No specific data.
- Nominal 13K: No specific data.
- Nominal 30K: No specific data.
- Nominal 70K: No specific data.
- Nominal 130K: No specific data.
- Nominal 300K: No specific data.
- Nominal 700K: No specific data.
- Nominal 1 Million: No specific data.

Eye contact:

- Nominal 1K: Adverse symptoms may include the following:
  - pain or irritation
  - watering
  - redness
- Nominal 3K: Adverse symptoms may include the following:
  - pain or irritation
  - watering
  - redness
- Nominal 7K: Adverse symptoms may include the following:
  - pain or irritation
  - watering
  - redness
- Nominal 13K: Adverse symptoms may include the following:
  - pain or irritation
  - watering
  - redness
- Nominal 30K: Adverse symptoms may include the following:
  - pain or irritation
  - watering
  - redness
- Nominal 70K: Adverse symptoms may include the following:
  - pain or irritation
  - watering
  - redness
- Nominal 130K: Adverse symptoms may include the following:
  - pain or irritation
  - watering
  - redness
- Nominal 300K: Adverse symptoms may include the following:
  - pain or irritation
  - watering
  - redness
- Nominal 700K: Adverse symptoms may include the following:
  - pain or irritation
  - watering
  - redness
- Nominal 1 Million: Adverse symptoms may include the following:
  - pain or irritation
  - watering
  - redness

Delayed and immediate effects as well as chronic effects from short and long-term exposure.

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## SECTION 11: Toxicological information

### Potential chronic health effects

#### General
- **Nominal 1K**: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
- **Nominal 3K**: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
- **Nominal 7K**: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
- **Nominal 13K**: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
- **Nominal 30K**: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
- **Nominal 70K**: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
- **Nominal 130K**: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
- **Nominal 300K**: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
- **Nominal 700K**: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
- **Nominal 1 Million**: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

#### Carcinogenicity
- **Nominal 1K**: No known significant effects or critical hazards.
- **Nominal 3K**: No known significant effects or critical hazards.
- **Nominal 7K**: No known significant effects or critical hazards.
- **Nominal 13K**: No known significant effects or critical hazards.
- **Nominal 30K**: No known significant effects or critical hazards.
- **Nominal 70K**: No known significant effects or critical hazards.
- **Nominal 130K**: No known significant effects or critical hazards.
- **Nominal 300K**: No known significant effects or critical hazards.
- **Nominal 700K**: No known significant effects or critical hazards.
- **Nominal 1 Million**: No known significant effects or critical hazards.

#### Mutagenicity
- **Nominal 1K**: No known significant effects or critical hazards.
- **Nominal 3K**: No known significant effects or critical hazards.
- **Nominal 7K**: No known significant effects or critical hazards.
- **Nominal 13K**: No known significant effects or critical hazards.
- **Nominal 30K**: No known significant effects or critical hazards.
- **Nominal 70K**: No known significant effects or critical hazards.
- **Nominal 130K**: No known significant effects or critical hazards.
- **Nominal 300K**: No known significant effects or critical hazards.
- **Nominal 700K**: No known significant effects or critical hazards.
- **Nominal 1 Million**: No known significant effects or critical hazards.

#### Teratogenicity
- **Nominal 1K**: No known significant effects or critical hazards.
- **Nominal 3K**: No known significant effects or critical hazards.
- **Nominal 7K**: No known significant effects or critical hazards.
- **Nominal 13K**: No known significant effects or critical hazards.
- **Nominal 30K**: No known significant effects or critical hazards.
- **Nominal 70K**: No known significant effects or critical hazards.
- **Nominal 130K**: No known significant effects or critical hazards.
- **Nominal 300K**: No known significant effects or critical hazards.
## SECTION 11: Toxicological information

<table>
<thead>
<tr>
<th>Nominal Value</th>
<th>Toxicological Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>700K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>1 Million</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>1K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>3K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>7K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>13K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>30K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>70K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>130K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>300K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>700K</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>1 Million</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

### Developmental effects

- Nominal 1K: No known significant effects or critical hazards.
- Nominal 3K: No known significant effects or critical hazards.
- Nominal 7K: No known significant effects or critical hazards.
- Nominal 13K: No known significant effects or critical hazards.
- Nominal 30K: No known significant effects or critical hazards.
- Nominal 70K: No known significant effects or critical hazards.
- Nominal 130K: No known significant effects or critical hazards.
- Nominal 300K: No known significant effects or critical hazards.
- Nominal 700K: No known significant effects or critical hazards.
- Nominal 1 Million: No known significant effects or critical hazards.

### Fertility effects

- Nominal 1K: No known significant effects or critical hazards.
- Nominal 3K: No known significant effects or critical hazards.
- Nominal 7K: No known significant effects or critical hazards.
- Nominal 13K: No known significant effects or critical hazards.
- Nominal 30K: No known significant effects or critical hazards.
- Nominal 70K: No known significant effects or critical hazards.
- Nominal 130K: No known significant effects or critical hazards.
- Nominal 300K: No known significant effects or critical hazards.
- Nominal 700K: No known significant effects or critical hazards.
- Nominal 1 Million: No known significant effects or critical hazards.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Conclusion/Summary**: Not available.

### 12.2 Persistence and degradability

Not available.

### 12.3 Bioaccumulative potential

Not available.

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)**: Not available.

**Mobility**: Not available.

### 12.5 Results of PBT and vPvB assessment

- **PBT**: No.
  - P: Not available. B: Not available. T: No.
- **vPvB**: Not available.
  - vP: Not available. vB: Not available.

### 12.6 Other adverse effects

No known significant effects or critical hazards.
SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste

Packaging

Methods of disposal: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

ADR/RID / IMDG / IATA: Not regulated.

Additional information

14.6 Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Not available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Nominal 1K: Not applicable.
Nominal 3K: Not applicable.
Nominal 7K: Not applicable.
Nominal 13K: Not applicable.
Nominal 30K: Not applicable.
Nominal 70K: Not applicable.
Nominal 130K: Not applicable.
Nominal 300K: Not applicable.
Nominal 700K: Not applicable.
Nominal 1 Million: Not applicable.

Other EU regulations

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Date of issue>Date of revision: 21/11/2017
SECTION 15: Regulatory information

Not listed.

Seveso Directive
This product is not controlled under the Seveso Directive.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals
Not listed.

Montreal Protocol (Annexes A, B, C, E)
Not listed.

Stockholm Convention on Persistent Organic Pollutants
Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)
Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals
Not listed.

Inventory list

Australia: All components are listed or exempted.
Canada: All components are listed or exempted.
China: All components are listed or exempted.
Europe: All components are listed or exempted.
Japan: Japan inventory (ENCS): All components are listed or exempted.
Japan inventory (ISHL): All components are listed or exempted.
Malaysia: All components are listed or exempted.
New Zealand: All components are listed or exempted.
Philippines: All components are listed or exempted.
Republic of Korea: All components are listed or exempted.
Taiwan: All components are listed or exempted.
Thailand: Not determined.
Turkey: All components are listed or exempted.
United States: All components are listed or exempted.
Viet Nam: Not determined.

15.2 Chemical safety assessment
This product contains substances for which Chemical Safety Assessments might still be required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms
ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Date of issue/Date of revision: 21/11/2017
**SECTION 16: Other information**

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal 1K</td>
<td>Eye Irrit. 2, H319 Calculation method</td>
</tr>
<tr>
<td>Nominal 3K</td>
<td>Eye Irrit. 2, H319 Calculation method</td>
</tr>
<tr>
<td>Nominal 7K</td>
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</tr>
<tr>
<td>Nominal 700K</td>
<td>Eye Irrit. 2, H319 Calculation method</td>
</tr>
<tr>
<td>Nominal 1 Million</td>
<td>Eye Irrit. 2, H319 Calculation method</td>
</tr>
</tbody>
</table>

**Full text of abbreviated H statements**

Nominal 1K  
H319 Causes serious eye irritation.

Nominal 3K  
H319 Causes serious eye irritation.

Nominal 7K  
H319 Causes serious eye irritation.

Nominal 13K  
H319 Causes serious eye irritation.

Nominal 30K  
H319 Causes serious eye irritation.

Nominal 70K  
H319 Causes serious eye irritation.

Nominal 130K  
H319 Causes serious eye irritation.

Nominal 300K  
H319 Causes serious eye irritation.

Nominal 700K  
H319 Causes serious eye irritation.

Nominal 1 Million  
H319 Causes serious eye irritation.

**Date of issue/Date of revision**: 21/11/2017
**PolyAcrylic Acid KIT, Part Number PL2140-0100**

**SECTION 16: Other information**

| H319 | Causes serious eye irritation. |

**Full text of classifications [CLP/GHS]**

| Nominal 1K  | Eye Irrit. 2, H319 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 |
| Nominal 3K  | Eye Irrit. 2, H319 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 |
| Nominal 7K  | Eye Irrit. 2, H319 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 |
| Nominal 13K | Eye Irrit. 2, H319 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 |
| Nominal 30K | Eye Irrit. 2, H319 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 |
| Nominal 70K | Eye Irrit. 2, H319 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 |
| Nominal 130K | Eye Irrit. 2, H319 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 |
| Nominal 300K | Eye Irrit. 2, H319 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 |
| Nominal 700K | Eye Irrit. 2, H319 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 |
| Nominal 1 Million | Eye Irrit. 2, H319 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 |

**Date of issue/Date of revision** : 21/11/2017

**Date of previous issue** : 29/02/2016.

**Version** : 2

**Notice to reader**

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