

SAFETY DATA SHEET



PolyAcrylic Acid KIT, Part Number PL2140-0100

Section 1. Identification

Product identifier	: PolyAcrylic Acid KIT, Part Number PL2140-0100	
Part No. (Chemical 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.

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

Analytical chemistry.

0.2 g x 10 Bottle

Nominal 1K	0.2 g
Nominal 3K	0.2 g
Nominal 7K	0.2 g
Nominal 13K	0.2 g
Nominal 30K	0.2 g
Nominal 70K	0.2 g
Nominal 130K	0.2 g
Nominal 300K	0.2 g
Nominal 700K	0.2 g
Nominal 1 Million	0.2 g

Supplier/Manufacturer : Agilent Technologies Australia Pty Ltd
679 Springvale Road
Mulgrave
Victoria 3170, Australia
1800 802 402

Emergency telephone number (with hours of operation) : CHEMTREC®: +(61)-290372994

Section 2. Hazard(s) identification

Classification of the substance or mixture








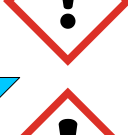

Nominal 1K H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
Nominal 3K H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
Nominal 7K H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
Nominal 13K H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
Nominal 30K H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A

Section 2. Hazard(s) identification

Nominal 70K H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
Nominal 130K H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
Nominal 300K H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
Nominal 700K H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
Nominal 1 Million H319	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A

[GHS label elements](#)

Hazard pictograms

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

Section 2. Hazard(s) identification

Signal word	: Nominal 1K Nominal 3K Nominal 7K Nominal 13K Nominal 30K Nominal 70K Nominal 130K Nominal 300K Nominal 700K Nominal 1 Million	WARNING WARNING WARNING WARNING WARNING WARNING WARNING WARNING WARNING WARNING
Hazard statements	: Nominal 1K Nominal 3K Nominal 7K Nominal 13K Nominal 30K Nominal 70K Nominal 130K Nominal 300K Nominal 700K Nominal 1 Million	H319 - Causes serious eye irritation. H319 - Causes serious eye irritation. H319 - Causes serious eye irritation. H319 - Causes serious eye irritation. H319 - Causes serious eye irritation. H319 - Causes serious eye irritation. H319 - Causes serious eye irritation. H319 - Causes serious eye irritation. H319 - Causes serious eye irritation. H319 - Causes serious eye irritation.
<u>Precautionary statements</u>		
Prevention	: Nominal 1K Nominal 3K Nominal 7K Nominal 13K Nominal 30K Nominal 70K Nominal 130K Nominal 300K Nominal 700K Nominal 1 Million	P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling. P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling. P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling. P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling. P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling. P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling. P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling. P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling. P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling. P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling.
Response	: Nominal 1K Nominal 3K Nominal 7K Nominal 13K	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Section 2. Hazard(s) identification

	Nominal 30K	P337 + P313 - If eye irritation persists: Get medical attention. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
	Nominal 70K	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
	Nominal 130K	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
	Nominal 300K	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
	Nominal 700K	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
	Nominal 1 Million	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
Storage	: <input checked="" type="checkbox"/> Nominal 1K Nominal 3K Nominal 7K Nominal 13K Nominal 30K Nominal 70K Nominal 130K Nominal 300K Nominal 700K Nominal 1 Million	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Disposal	: <input checked="" type="checkbox"/> Nominal 1K Nominal 3K Nominal 7K Nominal 13K Nominal 30K Nominal 70K Nominal 130K Nominal 300K Nominal 700K Nominal 1 Million	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Supplemental label elements		
Additional warning phrases	: <input checked="" type="checkbox"/> Nominal 1K Nominal 3K Nominal 7K Nominal 13K Nominal 30K Nominal 70K Nominal 130K Nominal 300K	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

Section 2. Hazard(s) identification

Nominal 700K	Not applicable.
Nominal 1 Million	Not applicable.

Other hazards which do not result in classification :

<input checked="" type="checkbox"/> 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 and ingredient information

Substance/mixture	:	Nominal 1K	Substance
		Nominal 3K	Substance
		Nominal 7K	Substance
		Nominal 13K	Substance
		Nominal 30K	Substance
		Nominal 70K	Substance
		Nominal 130K	Substance
		Nominal 300K	Substance
		Nominal 700K	Substance
		Nominal 1 Million	Substance

CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
<input checked="" type="checkbox"/> Nominal 1K Sodium poly acrylate	100	9003-04-7
Nominal 3K Sodium poly acrylate	100	9003-04-7
Nominal 7K Sodium poly acrylate	100	9003-04-7
Nominal 13K Sodium poly acrylate	100	9003-04-7
Nominal 30K Sodium poly acrylate	100	9003-04-7
Nominal 70K Sodium poly acrylate	100	9003-04-7
Nominal 130K Sodium poly acrylate	100	9003-04-7
Nominal 300K Sodium poly acrylate	100	9003-04-7
Nominal 700K Sodium poly acrylate	100	9003-04-7
Nominal 1 Million Sodium poly acrylate	100	9003-04-7

Section 3. Composition and ingredient information

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.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary 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.
Inhalation	: Nominal 1K	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 3K	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

Section 4. First aid measures

Nominal 7K	<p>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.</p> <p>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.</p>
Nominal 13K	<p>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.</p> <p>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.</p>
Nominal 30K	<p>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.</p> <p>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.</p>
Nominal 70K	<p>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.</p> <p>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.</p>
Nominal 130K	<p>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.</p> <p>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.</p>
Nominal 300K	<p>Remove victim to fresh air and keep at rest in a</p>

Section 4. First aid measures

		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.
	Nominal 130K	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 300K	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing

Section 4. First aid measures

	Nominal 700K	before reuse. Clean shoes thoroughly before reuse. 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 1 Million	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.
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

Section 4. First aid measures

	<p>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.</p>
Nominal 30K	<p>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.</p>
Nominal 70K	<p>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.</p>
Nominal 130K	<p>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.</p>
Nominal 300K	<p>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.</p>

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Nominal 700K

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.

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.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: Nominal 1K Nominal 3K Nominal 7K Nominal 13K Nominal 30K Nominal 70K Nominal 130K Nominal 300K Nominal 700K Nominal 1 Million	Causes serious eye irritation. Causes serious eye irritation. Causes serious eye irritation. Causes serious eye irritation. Causes serious eye irritation. Causes serious eye irritation. Causes serious eye irritation. Causes serious eye irritation. Causes serious eye irritation. Causes serious eye irritation.
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Section 4. First aid measures

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.
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.
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.
<u>Over-exposure signs/symptoms</u>			
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

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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
Nominal 30K	Adverse symptoms may include the following: respiratory tract irritation coughing
Nominal 70K	Adverse symptoms may include the following: respiratory tract irritation coughing
Nominal 130K	Adverse symptoms may include the following: respiratory tract irritation coughing
Nominal 300K	Adverse symptoms may include the following: respiratory tract irritation coughing
Nominal 700K	Adverse symptoms may include the following: respiratory tract irritation coughing
Nominal 1 Million	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.

Indication of immediate medical attention and special treatment needed, if necessary

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.

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.

Section 4. First aid measures

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.

See toxicological information (Section 11)

Section 5. Firefighting measures

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.

Section 5. Firefighting measures

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.	
Specific hazards arising from the chemical	: 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.	
Hazardous thermal decomposition products	: Nominal 1K	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
	Nominal 3K	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
	Nominal 7K	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
	Nominal 13K	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
	Nominal 30K	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
	Nominal 70K	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
Nominal 130K	Decomposition products may include the following materials:	

Section 5. Firefighting measures

		carbon dioxide carbon monoxide metal oxide/oxides
	Nominal 300K	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
	Nominal 700K	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
	Nominal 1 Million	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
Special protective actions for fire-fighters	: Nominal 1K	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 3K	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 7K	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 13K	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 30K	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

Section 5. Firefighting measures

		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.
	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.
	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.
	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.
	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.
	Nominal 70K	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	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.
	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.
	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.
	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.

Section 6. Accidental release measures

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 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 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 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 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 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 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 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 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.

Section 6. Accidental release measures

Nominal 300K	Put on appropriate personal protective equipment. 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-emergency personnel".
Nominal 13K	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 30K	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 70K	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 130K	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 300K	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 700K	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

Section 6. Accidental release measures

Nominal 1 Million

information in "For non-emergency personnel". 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".

Environmental precautions : Nominal 1K

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 3K

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 7K

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 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).

Methods and material for containment and cleaning up

Section 6. Accidental release measures

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 7. Handling and storage

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

Section 7. Handling and storage

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 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

Section 7. Handling and storage

	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 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

Section 7. Handling and storage

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, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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.

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

Section 7. Handling and storage

	<p>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.</p>
Nominal 700K	<p>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.</p>
Nominal 1 Million	<p>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.</p>
<p>Conditions for safe storage, including any incompatibilities : Nominal 1K</p>	<p>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.</p>
Nominal 3K	<p>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.</p>
Nominal 7K	<p>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.</p>
Nominal 13K	<p>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</p>

Section 7. Handling and storage

Nominal 30K

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.

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.

Nominal 70K

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.

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.

Nominal 130K

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.

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.

Nominal 300K

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.

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.

Nominal 700K

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.

Store in accordance with local regulations. Store in a segregated and approved area. Store in original

Section 7. Handling and storage

Nominal 1 Million

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. 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 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits

None.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- 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.

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**
- Hand 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.

Section 8. Exposure controls and 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.

Section 9. 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.
pH	:	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.

Section 9. Physical and chemical properties

	Nominal 300K	Not available.
	Nominal 700K	Not available.
	Nominal 1 Million	Not available.
Melting point	: 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.
Boiling point	: 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.
Flash point	: 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.
Evaporation rate	: 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.
Flammability (solid, gas)	: 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.
Lower and upper explosive (flammable) limits	: 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.

Section 9. Physical and chemical properties

	Nominal 700K	Not available.
	Nominal 1 Million	Not available.
Vapour pressure	: 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.
Vapour density	: 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.
Relative density	: 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.
Solubility	: Nominal 1K	Partially soluble in the following materials: cold water and hot water.
	Nominal 3K	Partially soluble in the following materials: cold water and hot water.
	Nominal 7K	Partially soluble in the following materials: cold water and hot water.
	Nominal 13K	Partially soluble in the following materials: cold water and hot water.
	Nominal 30K	Partially soluble in the following materials: cold water and hot water.
	Nominal 70K	Partially soluble in the following materials: cold water and hot water.
	Nominal 130K	Partially soluble in the following materials: cold water and hot water.
	Nominal 300K	Partially soluble in the following materials: cold water and hot water.
	Nominal 700K	Partially soluble in the following materials: cold water and hot water.
	Nominal 1 Million	Partially soluble in the following materials: cold water and hot water.
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.


Section 9. Physical and chemical properties

	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.

Section 10. Stability and reactivity

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.

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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.	
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.	
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

Section 10. Stability and reactivity

	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. Moisture-sensitive material.
Nominal 1 Million	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.

Incompatible materials	:	Nominal 1K	Reactive or incompatible with the following materials: oxidizing materials
		Nominal 3K	Reactive or incompatible with the following materials: oxidizing materials
		Nominal 7K	Reactive or incompatible with the following materials: oxidizing materials
		Nominal 13K	Reactive or incompatible with the following materials: oxidizing materials
		Nominal 30K	Reactive or incompatible with the following materials: oxidizing materials
		Nominal 70K	Reactive or incompatible with the following materials: oxidizing materials

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

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Nominal 1K Sodium poly acrylate	LD50 Oral	Rat	>8250 mg/kg	-
Nominal 3K Sodium poly acrylate	LD50 Oral	Rat	>8250 mg/kg	-
Nominal 7K Sodium poly acrylate	LD50 Oral	Rat	>8250 mg/kg	-
Nominal 13K Sodium poly acrylate	LD50 Oral	Rat	>8250 mg/kg	-
Nominal 30K Sodium poly acrylate	LD50 Oral	Rat	>8250 mg/kg	-
Nominal 70K Sodium poly acrylate	LD50 Oral	Rat	>8250 mg/kg	-

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Nominal 130K Sodium poly acrylate	LD50 Oral	Rat	>8250 mg/kg	-
Nominal 300K Sodium poly acrylate	LD50 Oral	Rat	>8250 mg/kg	-
Nominal 700K Sodium poly acrylate	LD50 Oral	Rat	>8250 mg/kg	-
Nominal 1 Million Sodium poly acrylate	LD50 Oral	Rat	>8250 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Nominal 1K Sodium poly acrylate	Eyes - Moderate irritant	Rabbit	-	2 milligrams	-
Nominal 3K Sodium poly acrylate	Eyes - Moderate irritant	Rabbit	-	2 milligrams	-
Nominal 7K Sodium poly acrylate	Eyes - Moderate irritant	Rabbit	-	2 milligrams	-
Nominal 13K Sodium poly acrylate	Eyes - Moderate irritant	Rabbit	-	2 milligrams	-
Nominal 30K Sodium poly acrylate	Eyes - Moderate irritant	Rabbit	-	2 milligrams	-
Nominal 70K Sodium poly acrylate	Eyes - Moderate irritant	Rabbit	-	2 milligrams	-
Nominal 130K Sodium poly acrylate	Eyes - Moderate irritant	Rabbit	-	2 milligrams	-
Nominal 300K Sodium poly acrylate	Eyes - Moderate irritant	Rabbit	-	2 milligrams	-
Nominal 700K Sodium poly acrylate	Eyes - Moderate irritant	Rabbit	-	2 milligrams	-
Nominal 1 Million Sodium poly acrylate	Eyes - Moderate irritant	Rabbit	-	2 milligrams	-

Sensitisation

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

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Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure	: Nominal 1K	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Nominal 3K	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Nominal 7K	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Nominal 13K	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Nominal 30K	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Nominal 70K	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Nominal 130K	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Nominal 300K	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Nominal 700K	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Nominal 1 Million	Routes of entry anticipated: Oral, Dermal, Inhalation.

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.
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.

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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.
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.

Symptoms related to the physical, chemical and toxicological characteristics

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

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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
	Nominal 30K	Adverse symptoms may include the following: respiratory tract irritation coughing
	Nominal 70K	Adverse symptoms may include the following: respiratory tract irritation coughing
	Nominal 130K	Adverse symptoms may include the following: respiratory tract irritation coughing
	Nominal 300K	Adverse symptoms may include the following: respiratory tract irritation coughing
	Nominal 700K	Adverse symptoms may include the following: respiratory tract irritation coughing
	Nominal 1 Million	Adverse symptoms may include the following: respiratory tract irritation coughing
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.

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

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

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Potential chronic health effects

Not available.

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.
		Nominal 700K	No known significant effects or critical hazards.
		Nominal 1 Million	No known significant effects or critical hazards.
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.

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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.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 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

ADG / IMDG / IATA : Not regulated as Dangerous Goods according to the ADG Code .

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.

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

Section 15. Regulatory information

Standard Uniform Schedule of Medicine and Poisons

Not regulated.

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

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	: <input type="checkbox"/> Not determined.
Turkey	: <input checked="" type="checkbox"/> All components are listed or exempted.
United States	: All components are listed or exempted.
Viet Nam	: <input checked="" type="checkbox"/> Not determined.

Section 16. Any other relevant information

History

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

Date of previous issue : 29/02/2016.

Version : 4

Key to abbreviations

: ADG = Australian Dangerous Goods
 ATE = Acute Toxicity Estimate
 BCF = Bioconcentration Factor
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC = Intermediate Bulk Container
 IMDG = International Maritime Dangerous Goods
 LogPow = logarithm of the octanol/water partition coefficient
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 NOHSC = National Occupational Health and Safety Commission
 SUSMP = Standard Uniform Schedule of Medicine and Poisons
 UN = United Nations

Procedure used to derive the classification

Classification	Justification
Nominal 1K Eye Irrit. 2A, H319	Calculation method
Nominal 3K Eye Irrit. 2A, H319	Calculation method
Nominal 7K Eye Irrit. 2A, H319	Calculation method
Nominal 13K Eye Irrit. 2A, H319	Calculation method
Nominal 30K Eye Irrit. 2A, H319	Calculation method
Nominal 70K Eye Irrit. 2A, H319	Calculation method
Nominal 130K Eye Irrit. 2A, H319	Calculation method
Nominal 300K Eye Irrit. 2A, H319	Calculation method
Nominal 700K Eye Irrit. 2A, H319	Calculation method
Nominal 1 Million Eye Irrit. 2A, H319	Calculation method

References : Not available.

✔ Indicates information that has changed from previously issued version.

Notice to reader

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