1 Identification

· Product identifier
  · Trade name: Custom Standard
  · Part number: ICUS-7274
  · Application of the substance / the mixture Laboratory chemicals

· Details of the supplier of the safety data sheet
  · Manufacturer/Supplier:
    ULTRA Scientific, Inc.
    250 Smith Street
    North Kingstown, RI 02852
    USA
  · Information department:
    Telephone: (401) 294-9400
    Fax: (401) 295-2300
    E-mail: regulatory@ultrasci.com
  · Emergency telephone number:
    US: (800) 424-9300
    Outside US: (703) 527-3887

2 Hazard(s) identification

· Classification of the substance or mixture
  GHS05 Corrosion
  Eye Dam. 1 H318 Causes serious eye damage.
  GHS07
  Skin Irrit. 2 H315 Causes skin irritation.

· Label elements
  · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
  · Hazard pictograms
  GHS05

· Signal word Danger

· Hazard-determining components of labeling:
  nitric acid

· Hazard statements
  Causes skin irritation.
  Causes serious eye damage.

· Precautionary statements
  Wash thoroughly after handling.
  Wear protective gloves / eye protection / face protection.
  IF ON SKIN: Wash with plenty of water.

(Contd. on page 2)
Trade name: Custom Standard

45.2.5 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Specific treatment (see on this label). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Classification system:

- NFPA ratings (scale 0 - 4)
  - Health = 3
  - Fire = 0
  - Reactivity = 0

- HMIS-ratings (scale 0 - 4)
  - HEALTH
    - Health = 3
  - FIRE
    - Fire = 0
  - REACTIVITY
    - Reactivity = 0

Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

- Dangerous components:
  - 7697-37-2 nitric acid 4.95%
  - 87-69-4 (+)-tartaric acid 2.0%

4 First-aid measures

- Description of first aid measures
  - After inhalation: In case of unconsciousness place patient stably in side position for transportation.
  - After skin contact: Immediately wash with water and soap and rinse thoroughly.
  - After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
  - After swallowing: If symptoms persist consult doctor.
- Information for doctor:
  - Most important symptoms and effects, both acute and delayed No further relevant information available.
  - Indication of any immediate medical attention and special treatment needed
    No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture No further relevant information available.
6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
  Wear protective equipment. Keep unprotected persons away.

- **Environmental precautions:** Do not allow to enter sewers/surface or ground water.

- **Methods and material for containment and cleaning up:**
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Use neutralizing agent.
  Dispose contaminated material as waste according to item 13.

- **Reference to other sections**
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

- **Protective Action Criteria for Chemicals**

  **PAC-1:**
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>7697-37-2 nitric acid</td>
<td>0.16 ppm</td>
</tr>
<tr>
<td>87-69-4 (+)-tartaric acid</td>
<td>1.6 mg/m³</td>
</tr>
<tr>
<td>7664-39-3 hydrogen fluoride</td>
<td>1.0 ppm</td>
</tr>
<tr>
<td>7761-88-8 silver nitrate</td>
<td>0.047 mg/m³</td>
</tr>
<tr>
<td>7784-27-2 aluminium nitrate</td>
<td>83 mg/m³</td>
</tr>
<tr>
<td>1327-53-3 diarsenic trioxide</td>
<td>0.27 mg/m³</td>
</tr>
<tr>
<td>10022-31-8 barium nitrate</td>
<td>2.9 mg/m³</td>
</tr>
<tr>
<td>10043-35-3 boric acid</td>
<td>6 mg/m³</td>
</tr>
<tr>
<td>10022-68-1 Nitric acid, cadmium salt, tetrahydrate</td>
<td>0.27 mg/m³</td>
</tr>
<tr>
<td>471-34-1 calcium carbonate</td>
<td>45 mg/m³</td>
</tr>
<tr>
<td>10026-22-9 cobalt (II) nitrate hexahydrate</td>
<td>0.3 mg/m³</td>
</tr>
<tr>
<td>7782-61-8 iron (III) nitrate nonahydrate</td>
<td>22 mg/m³</td>
</tr>
<tr>
<td>7757-79-1 potassium nitrate</td>
<td>9 mg/m³</td>
</tr>
<tr>
<td>13446-18-9 magnesium nitrate hexahydrate</td>
<td>16 mg/m³</td>
</tr>
<tr>
<td>1313-27-5 molybdenum trioxide</td>
<td>2.3 mg/m³</td>
</tr>
<tr>
<td>10377-66-9 manganese dinitrate</td>
<td>9.8 mg/m³</td>
</tr>
<tr>
<td>7631-99-4 sodium nitrate, containing in the dry state more than 16.3 per cent by weight of nitrogen</td>
<td>4.1 mg/m³</td>
</tr>
<tr>
<td>13478-00-7 Nitric acid, nickel(2+) salt, hexahydrate</td>
<td>1.5 mg/m³</td>
</tr>
<tr>
<td>10099-74-8 lead dinitrate</td>
<td>0.24 mg/m³</td>
</tr>
<tr>
<td>7446-07-3 tellurium dioxide</td>
<td>0.38 mg/m³</td>
</tr>
<tr>
<td>10102-45-1 thallium nitrate</td>
<td>0.078 mg/m³</td>
</tr>
<tr>
<td>7446-08-4 selenium dioxide</td>
<td>0.84 mg/m³</td>
</tr>
<tr>
<td>7440-36-0 antimony</td>
<td>1.5 mg/m³</td>
</tr>
<tr>
<td>7803-55-6 ammonium trioxovanadate</td>
<td>0.01 mg/m³</td>
</tr>
<tr>
<td>10196-18-6 zinc(II) nitrate hexahydrate</td>
<td>27 mg/m³</td>
</tr>
</tbody>
</table>

  **PAC-2:**
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>7697-37-2 nitric acid</td>
<td>24 ppm</td>
</tr>
<tr>
<td>CAS Number</td>
<td>Chemical Name</td>
</tr>
<tr>
<td>------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>87-69-4</td>
<td>(+)-tartaric acid</td>
</tr>
<tr>
<td>7664-39-3</td>
<td>hydrogen fluoride</td>
</tr>
<tr>
<td>7761-88-8</td>
<td>silver nitrate</td>
</tr>
<tr>
<td>7784-27-2</td>
<td>aluminium nitrate</td>
</tr>
<tr>
<td>1327-53-3</td>
<td>diarsenic trioxide</td>
</tr>
<tr>
<td>10022-31-8</td>
<td>barium nitrate</td>
</tr>
<tr>
<td>10043-35-3</td>
<td>boric acid</td>
</tr>
<tr>
<td>10022-68-1</td>
<td>Nitric acid, cadmium salt, tetrahydrate</td>
</tr>
<tr>
<td>471-34-1</td>
<td>calcium carbonate</td>
</tr>
<tr>
<td>10026-22-9</td>
<td>cobalt (II) nitrate hexahydrate</td>
</tr>
<tr>
<td>7782-61-8</td>
<td>iron (III) nitrate nonahydrate</td>
</tr>
<tr>
<td>7757-79-1</td>
<td>potassium nitrate</td>
</tr>
<tr>
<td>13446-18-9</td>
<td>magnesium nitrate hexahydrate</td>
</tr>
<tr>
<td>1313-27-5</td>
<td>molybdenum trioxide</td>
</tr>
<tr>
<td>10377-66-9</td>
<td>manganese dinitrate</td>
</tr>
<tr>
<td>7631-99-4</td>
<td>sodium nitrate, containing in the dry state more than 16.3 per cent by weight of nitrogen</td>
</tr>
<tr>
<td>13478-00-7</td>
<td>Nitric acid, nickel(2+) salt, hexahydrate</td>
</tr>
<tr>
<td>10099-74-8</td>
<td>lead dinitrate</td>
</tr>
<tr>
<td>7446-07-3</td>
<td>tellurium dioxide</td>
</tr>
<tr>
<td>10102-45-1</td>
<td>thallium nitrate</td>
</tr>
<tr>
<td>7446-08-4</td>
<td>selenium dioxide</td>
</tr>
<tr>
<td>7440-36-0</td>
<td>antimony</td>
</tr>
<tr>
<td>7803-55-6</td>
<td>ammonium trioxovanadate</td>
</tr>
<tr>
<td>10196-18-6</td>
<td>zinc(II) nitrate hexahydrate</td>
</tr>
</tbody>
</table>

**PAC-3:**

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>7697-37-2</td>
<td>nitric acid</td>
<td>92 ppm</td>
</tr>
<tr>
<td>87-69-4</td>
<td>(+)-tartaric acid</td>
<td>100 mg/m³</td>
</tr>
<tr>
<td>7664-39-3</td>
<td>hydrogen fluoride</td>
<td>44 ppm</td>
</tr>
<tr>
<td>7761-88-8</td>
<td>silver nitrate</td>
<td>5.4 mg/m³</td>
</tr>
<tr>
<td>7784-27-2</td>
<td>aluminium nitrate</td>
<td>5,500 mg/m³</td>
</tr>
<tr>
<td>1327-53-3</td>
<td>diarsenic trioxide</td>
<td>9.1 mg/m³</td>
</tr>
<tr>
<td>10022-31-8</td>
<td>barium nitrate</td>
<td>2,100 mg/m³</td>
</tr>
<tr>
<td>10043-35-3</td>
<td>boric acid</td>
<td>830 mg/m³</td>
</tr>
<tr>
<td>10022-68-1</td>
<td>Nitric acid, cadmium salt, tetrahydrate</td>
<td>13 mg/m³</td>
</tr>
<tr>
<td>471-34-1</td>
<td>calcium carbonate</td>
<td>1,300 mg/m³</td>
</tr>
<tr>
<td>10026-22-9</td>
<td>cobalt (II) nitrate hexahydrate</td>
<td>140 mg/m³</td>
</tr>
<tr>
<td>7782-61-8</td>
<td>iron (III) nitrate nonahydrate</td>
<td>640 mg/m³</td>
</tr>
<tr>
<td>7757-79-1</td>
<td>potassium nitrate</td>
<td>600 mg/m³</td>
</tr>
<tr>
<td>13446-18-9</td>
<td>magnesium nitrate hexahydrate</td>
<td>1,100 mg/m³</td>
</tr>
<tr>
<td>1313-27-5</td>
<td>molybdenum trioxide</td>
<td>260 mg/m³</td>
</tr>
<tr>
<td>10377-66-9</td>
<td>manganese dinitrate</td>
<td>96 mg/m³</td>
</tr>
</tbody>
</table>
### 7 Handling and storage

- **Handling:**
  - **Precautions for safe handling:** No special precautions are necessary if used correctly.
  - **Information about protection against explosions and fires:** No special measures required.

- **Conditions for safe storage, including any incompatibilities**
  - **Storage:**
    - **Requirements to be met by storerooms and receptacles:** No special requirements.
    - **Information about storage in one common storage facility:** Not required.
    - **Further information about storage conditions:** Keep receptacle tightly sealed.
    - **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Control parameters**
  - **Components with limit values that require monitoring at the workplace:**
    The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
    At this time, the remaining constituent has no known exposure limits.

**7697-37-2 nitric acid**

- **PEL**
  - Long-term value: 5 mg/m³, 2 ppm
- **REL**
  - Short-term value: 10 mg/m³, 4 ppm
- **TLV**
  - Short-term value: 10 mg/m³, 4 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.
Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Tightly sealed goggles

---

9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance:

- Form: Fluid
- Color: According to product specification
- Odor: Characteristic
- Odor threshold: Not determined.

pH-value:

Not determined.

Change in condition

- Melting point/Melting range: Undetermined.
- Boiling point/Boiling range: 100°C (°F)

Flash point:

Not applicable.

Flammability (solid, gaseous):

Not applicable.

Ignition temperature:

- Decomposition temperature: Not determined.
- Auto igniting: Product is not selfigniting.
- Danger of explosion: Product does not present an explosion hazard.

Explosion limits:

- Lower: Not determined.
- Upper: Not determined.

Vapor pressure at 20°C (68 °F):

23 hPa (mm Hg)
### 10 Stability and reactivity

- **Reactivity**: No further relevant information available.
- **Chemical stability**: No decomposition if used according to specifications.
- **Thermal decomposition / conditions to be avoided**: No dangerous reactions known.
- **Possibility of hazardous reactions**: No further relevant information available.
- **Incompatible materials**: No further relevant information available.
- **Hazardous decomposition products**: No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity**
    - **LD/LC50 values that are relevant for classification**:
      - **ATE (Acute Toxicity Estimate)**
        - Oral: LD50 1,276,000 mg/kg (rat)
        - Dermal: LD50 5,000 mg/kg
        - Inhalative: LC50/4 h 365 mg/L
      - **7697-37-2 nitric acid**
        - Inhalative: LC50/4 h 67 mg/L (rat)
      - **7664-39-3 hydrogen fluoride**
        - Oral: LD50 1,276 mg/kg (rat)
  - **Primary irritant effect**:
    - **on the skin**: Irritant to skin and mucous membranes.
    - **on the eye**: Strong irritant with the danger of severe eye injury.
    - **Sensitization**: No sensitizing effects known.
Trade name: Custom Standard

45.2.5 Additional toxicological information:
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

Carcinogenic categories

- IARC (International Agency for Research on Cancer)
  1327-53-3 diarsenic trioxide 1
  543-81-7 acetic acid beryllium salt 1
  10022-68-1 Nitric acid, cadmium salt, tetrahydrate 1
  10026-22-9 cobalt (II) nitrate hexahydrate 2B
  13478-00-7 Nitric acid, nickel(2+) salt, hexahydrate 1
  10099-74-8 lead dinitrate 2A
  7446-08-4 selenium dioxide 3

- NTP (National Toxicology Program)
  1327-53-3 diarsenic trioxide K
  543-81-7 acetic acid beryllium salt K
  10022-68-1 Nitric acid, cadmium salt, tetrahydrate K
  13478-00-7 Nitric acid, nickel(2+) salt, hexahydrate K
  10099-74-8 lead dinitrate R

- OSHA-Ca (Occupational Safety & Health Administration)
  None of the ingredients is listed.

12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.
  - Behavior in environmental systems:
  - Bioaccumulative potential: No further relevant information available.
  - Mobility in soil: No further relevant information available.
  - Additional ecological information:
  - General notes:
    Water hazard class 1 (Self-assessment): slightly hazardous for water
    Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
    Must not reach bodies of water or drainage ditch undiluted or unneutralized.
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.
    - Other adverse effects: No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation:
  Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
### 14 Transport information

- **UN-Number**
  - DOT, IMDG, IATA: UN3264

- **UN proper shipping name**
  - DOT: Corrosive liquid, acidic, inorganic, n.o.s. (Nitric acid)
  - IMDG, IATA: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID)

- **Transport hazard class(es)**
  - DOT
    - **Class**: 8 Corrosive substances
    - **Label**: 8
  - IMDG, IATA
    - **Class**: 8 Corrosive substances
    - **Label**: 8

- **Packing group**
  - DOT, IMDG, IATA: II

- **Environmental hazards:**
  - Not applicable.

- **Special precautions for user**
  - Warning: Corrosive substances

- **Danger code (Kemler):**
  - 80

- **EMS Number:**
  - F-A,S-B

- **Segregation groups**
  - Acids

- **Stowage Category**
  - B

- **Stowage Code**
  - SW2 Clear of living quarters.

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
  - Not applicable.

- **Transport/Additional information:**
  - **DOT**
    - **Quantity limitations**
      - On passenger aircraft/rail: 1 L
      - On cargo aircraft only: 30 L
  - **IMDG**
    - **Limited quantities (LQ)**: 1L

  (Contd. on page 10)
Trade name: Custom Standard

<table>
<thead>
<tr>
<th>Excepted quantities (EQ)</th>
<th>Code: E2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Maximum net quantity per inner packaging: 30 ml</td>
</tr>
<tr>
<td></td>
<td>Maximum net quantity per outer packaging: 500 ml</td>
</tr>
</tbody>
</table>

| UN "Model Regulation": | UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID), 8, II |

## 15 Regulatory information

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

### Section 355 (extremely hazardous substances):

- 7697-37-2 nitric acid
- 7664-39-3 hydrogen fluoride
- 1327-53-3 diarsenic trioxide

### Section 313 (Specific toxic chemical listings):

- 7697-37-2 nitric acid
- 7664-39-3 hydrogen fluoride
- 7761-88-8 silver nitrate
- 7784-27-2 aluminium nitrate
- 1327-53-3 diarsenic trioxide
- 10022-31-8 barium nitrate
- 543-81-7 acetic acid beryllium salt
- 10022-68-1 Nitric acid, cadmium salt, tetrahydrate
- 10026-22-9 cobalt (II) nitrate hexahydrate
- 7789-02-8 chromium (III) nitrate nonahydrate
- 10031-43-3 cupric nitrate
- 7782-61-8 iron (III) nitrate nonahydrate
- 7757-79-1 potassium nitrate
- 13446-18-9 magnesium nitrate hexahydrate
- 1313-27-5 molybdenum trioxide
- 10377-66-9 manganese dinitrate
- 13478-00-7 Nitric acid, nickel(2+) salt, hexahydrate
- 10099-74-8 lead dinitrate
- 10102-45-1 thallium nitrate
- 7446-08-4 selenium dioxide
- 7440-36-0 antimony
- 7803-55-6 ammonium trioxovanadate
- 10196-18-6 zinc(II) nitrate hexahydrate

### TSCA (Toxic Substances Control Act):

- 7697-37-2 nitric acid
- 87-69-4 (+)-tartaric acid
- 7664-39-3 hydrogen fluoride
- 7761-88-8 silver nitrate

(Contd. on page 11)
## Trade name: Custom Standard

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1327-53-3</td>
<td>diarsenic trioxide</td>
</tr>
<tr>
<td>10022-31-8</td>
<td>barium nitrate</td>
</tr>
<tr>
<td>10043-35-3</td>
<td>boric acid</td>
</tr>
<tr>
<td>471-34-1</td>
<td>calcium carbonate</td>
</tr>
<tr>
<td>7757-79-1</td>
<td>potassium nitrate</td>
</tr>
<tr>
<td>1313-27-5</td>
<td>molybdenum trioxide</td>
</tr>
<tr>
<td>10377-66-9</td>
<td>manganese dinitrate</td>
</tr>
<tr>
<td>7631-99-4</td>
<td>sodium nitrate, containing in the dry state more than 16.3 per cent by weight of nitrogen</td>
</tr>
<tr>
<td>10099-74-8</td>
<td>lead dinitrate</td>
</tr>
<tr>
<td>7446-07-3</td>
<td>tellurium dioxide</td>
</tr>
<tr>
<td>16962-40-6</td>
<td>ammonium hexafluorotitanate</td>
</tr>
<tr>
<td>10102-45-1</td>
<td>thallium nitrate</td>
</tr>
<tr>
<td>7446-08-4</td>
<td>selenium dioxide</td>
</tr>
<tr>
<td>7440-36-0</td>
<td>antimony</td>
</tr>
<tr>
<td>7803-55-6</td>
<td>ammonium trioxovanadate</td>
</tr>
<tr>
<td>7732-18-5</td>
<td>water</td>
</tr>
</tbody>
</table>

### Proposition 65

- **Chemicals known to cause cancer:**
  - 1327-53-3 diarsenic trioxide
  - 543-81-7 acetic acid beryllium salt
  - 10022-68-1 Nitric acid, cadmium salt, tetrahydrate
  - 13478-00-7 Nitric acid, nickel(2+) salt, hexahydrate
  - 10099-74-8 lead dinitrate

- **Chemicals known to cause reproductive toxicity for females:**
  None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**
  None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**
  - 1327-53-3 diarsenic trioxide

### Carcinogenic categories

- **EPA (Environmental Protection Agency)**
  - 1327-53-3 diarsenic trioxide: A
  - 10022-31-8 barium nitrate: D, CBD(inh), NL(oral)
  - 10043-35-3 boric acid: I (oral)
  - 10377-66-9 manganese dinitrate: D
  - 10099-74-8 lead dinitrate: B2
  - 10102-45-1 thallium nitrate: II
  - 7446-08-4 selenium dioxide: D

- **TLV (Threshold Limit Value established by ACGIH)**
  - 1327-53-3 diarsenic trioxide: A1
  - 10022-31-8 barium nitrate: A4
  - 10043-35-3 boric acid: A4
Trade name: Custom Standard

<table>
<thead>
<tr>
<th>10099-74-8</th>
<th>lead dinitrate</th>
</tr>
</thead>
</table>

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**
  None of the ingredients is listed.

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
  · **Hazard pictograms**
    - ![GHS05](image)

  - **Signal word** Danger
  - **Hazard-determining components of labeling:**
    - nitric acid
  - **Hazard statements**
    - Causes skin irritation.
    - Causes serious eye damage.
  - **Precautionary statements**
    - Wash thoroughly after handling.
    - Wear protective gloves / eye protection / face protection.
    - IF ON SKIN: Wash with plenty of water.
    - IF in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
    - Immediately call a POISON CENTER/doctor.
    - Specific treatment (see on this label).
    - If skin irritation occurs: Get medical advice/attention.
    - Take off contaminated clothing and wash it before reuse.
  - **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Date of preparation / last revision** 09/27/2017 / -
- **Abbreviations and acronyms:**
  - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - DOT: US Department of Transportation
  - IATA: International Air Transport Association
  - ACGIH: American Conference of Governmental Industrial Hygienists
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - NFPA: National Fire Protection Association (USA)
  - HMIS: Hazardous Materials Identification System (USA)
  - VOC: Volatile Organic Compounds (USA, EU)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - NIOSH: National Institute for Occupational Safety
  - OSHA: Occupational Safety & Health
  - TLV: Threshold Limit Value
  - PEL: Permissible Exposure Limit
  - REL: Recommended Exposure Limit

(Contd. on page 13)
### Trade name: Custom Standard

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irrit.</td>
<td>Skin corrosion/irritation – Category 2</td>
</tr>
<tr>
<td>Eye Dam.</td>
<td>Serious eye damage/eye irritation – Category 1</td>
</tr>
</tbody>
</table>