# 1 Identification

- **Product identifier**
- **Trade name:** Custom Standard
- **Part number:** CUS-9439
- **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: +1-800-424-9300
    - Outside US: +1-703-527-3887

# 2 Hazard(s) identification

- **Classification of the substance or mixture**
  - **GHS02 Flame**
    - Flam. Liq. 2 H225 Highly flammable liquid and vapor.
  - **GHS06 Skull and crossbones**
    - Acute Tox. 3 H331 Toxic if inhaled.
  - **GHS08 Health hazard**
    - Carc. 2 H351 Suspected of causing cancer.
    - Repr. 2 H361 Suspected of damaging fertility or the unborn child.
    - STOT SE 1 H370 Causes damage to organs.
    - STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.
  - **GHS07**
    - Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**
  - **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
Trade name: Custom Standard

- **Hazard pictograms**

GHS02  GHS06  GHS07  GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**
  - methanol
  - acrylonitrile
  - carbon disulfide

- **Hazard statements**
  - Highly flammable liquid and vapor.
  - Toxic if inhaled.
  - May cause an allergic skin reaction.
  - Suspected of causing cancer.
  - Suspected of damaging fertility or the unborn child.
  - Causes damage to organs.
  - May cause damage to organs through prolonged or repeated exposure.

- **Precautionary statements**
  - Obtain special instructions before use.
  - Do not handle until all safety precautions have been read and understood.
  - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  - Ground/bond container and receiving equipment.
  - Use explosion-proof electrical/ventilating/lighting/equipment.
  - Use only non-sparking tools.
  - Take precautionary measures against static discharge.
  - Do not breathe dust/fume/gas/mist/vapors/spray.
  - Wash thoroughly after handling.
  - Do not eat, drink or smoke when using this product.
  - Use only outdoors or in a well-ventilated area.
  - Contaminated work clothing must not be allowed out of the workplace.
  - Wear protective gloves/protective clothing/eye protection/face protection.
  - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
  - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  - IF exposed or concerned: Get medical advice/attention.
  - Specific treatment (see on this label).
  - Get medical advice/attention if you feel unwell.
  - If skin irritation or rash occurs: Get medical advice/attention.
  - Wash contaminated clothing before reuse.
  - In case of fire: Use for extinction; CO2, powder or water spray.
  - Store in a well-ventilated place. Keep container tightly closed.
  - Store in a well-ventilated place. Keep cool.
  - Store locked up.
  - Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**

  - Health = 1
  - Fire = 3
  - Reactivity = 0
3 Composition/information on ingredients

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

### Dangerous components:

<table>
<thead>
<tr>
<th>Substance ID</th>
<th>Substance Name</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1</td>
<td>methanol</td>
<td>85.9555%</td>
</tr>
<tr>
<td>591-78-6</td>
<td>hexan-2-one</td>
<td>0.246%</td>
</tr>
<tr>
<td>108-10-1</td>
<td>4-methylpentan-2-one</td>
<td>0.246%</td>
</tr>
<tr>
<td>75-15-0</td>
<td>carbon disulphide</td>
<td>0.246%</td>
</tr>
<tr>
<td>107-13-1</td>
<td>acrylonitrile</td>
<td>0.246%</td>
</tr>
</tbody>
</table>

4 First-aid measures

- Description of first aid measures
- General information:
  Immediately remove any clothing soiled by the product.
  Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
  Remove breathing apparatus only after contaminated clothing have been completely removed.
  In case of irregular breathing or respiratory arrest provide artificial respiration.
- After inhalation:
  Supply fresh air or oxygen; call for doctor.
- 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:
  CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- 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).
  Dispose contaminated material as waste according to item 13.
  Ensure adequate ventilation.

- 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

<table>
<thead>
<tr>
<th>PAC-1</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1 methanol</td>
<td>530 ppm</td>
<td></td>
</tr>
<tr>
<td>1634-04-4 tert-butyl methyl ether</td>
<td>50 ppm</td>
<td></td>
</tr>
<tr>
<td>76-13-1 1,1,2-trichlorotrifluoroethane</td>
<td>1,250 ppm</td>
<td></td>
</tr>
<tr>
<td>78-93-3 butanone</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>591-78-6 hexan-2-one</td>
<td>10 ppm</td>
<td></td>
</tr>
<tr>
<td>108-10-1 4-methylpentan-2-one</td>
<td>75 ppm</td>
<td></td>
</tr>
<tr>
<td>67-64-1 acetone</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>75-15-0 carbon disulphide</td>
<td>13 ppm</td>
<td></td>
</tr>
<tr>
<td>107-13-1 acrylonitrile</td>
<td>0.15 ppm</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PAC-2</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1 methanol</td>
<td>2,100 ppm</td>
<td></td>
</tr>
<tr>
<td>1634-04-4 tert-butyl methyl ether</td>
<td>570 ppm</td>
<td></td>
</tr>
<tr>
<td>76-13-1 1,1,2-trichlorotrifluoroethane</td>
<td>3,900 ppm</td>
<td></td>
</tr>
<tr>
<td>78-93-3 butanone</td>
<td>2700* ppm</td>
<td></td>
</tr>
<tr>
<td>591-78-6 hexan-2-one</td>
<td>830 ppm</td>
<td></td>
</tr>
<tr>
<td>108-10-1 4-methylpentan-2-one</td>
<td>500 ppm</td>
<td></td>
</tr>
<tr>
<td>67-64-1 acetone</td>
<td>3200* ppm</td>
<td></td>
</tr>
<tr>
<td>75-15-0 carbon disulphide</td>
<td>160 ppm</td>
<td></td>
</tr>
<tr>
<td>107-13-1 acrylonitrile</td>
<td>1.7 ppm</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PAC-3</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1 methanol</td>
<td>7200* ppm</td>
<td></td>
</tr>
<tr>
<td>1634-04-4 tert-butyl methyl ether</td>
<td>5300* ppm</td>
<td></td>
</tr>
<tr>
<td>76-13-1 1,1,2-trichlorotrifluoroethane</td>
<td>4,500 ppm</td>
<td></td>
</tr>
<tr>
<td>78-93-3 butanone</td>
<td>4000* ppm</td>
<td></td>
</tr>
<tr>
<td>591-78-6 hexan-2-one</td>
<td>5000* ppm</td>
<td></td>
</tr>
<tr>
<td>108-10-1 4-methylpentan-2-one</td>
<td>3000* ppm</td>
<td></td>
</tr>
<tr>
<td>67-64-1 acetone</td>
<td>5700* ppm</td>
<td></td>
</tr>
</tbody>
</table>
Trade name: Custom Standard

7 Handling and storage

- Handling:
- Precautions for safe handling
  Ensure good ventilation/exhaustion at the workplace.
- Open and handle receptacle with care.
- Information about protection against explosions and fires:
  Keep ignition sources away - Do not smoke.
  Protect against electrostatic charges.
  Keep respiratory protective device available.

- Conditions for safe storage, including any incompatibilities

- Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions:
  Keep receptacle tightly sealed.
  Store in cool, dry conditions in well sealed receptacles.
- 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:

### 67-56-1 methanol

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL Long-term</td>
<td>260 mg/m³, 200 ppm</td>
</tr>
<tr>
<td>REL Short-term</td>
<td>325 mg/m³, 250 ppm</td>
</tr>
<tr>
<td>Skin Long-term</td>
<td>260 mg/m³, 200 ppm</td>
</tr>
<tr>
<td>TLV Short-term</td>
<td>328 mg/m³, 250 ppm</td>
</tr>
<tr>
<td>Long-term</td>
<td>262 mg/m³, 200 ppm</td>
</tr>
<tr>
<td>Skin; BEI</td>
<td></td>
</tr>
</tbody>
</table>

### 591-78-6 hexan-2-one

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL Long-term</td>
<td>410 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>REL Long-term</td>
<td>4 mg/m³, 1 ppm</td>
</tr>
<tr>
<td>TLV Short-term</td>
<td>40 mg/m³, 10 ppm</td>
</tr>
<tr>
<td>Long-term</td>
<td>20 mg/m³, 5 ppm</td>
</tr>
<tr>
<td>Skin; BEI</td>
<td></td>
</tr>
</tbody>
</table>

### 108-10-1 4-methylpentan-2-one

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL Long-term</td>
<td>410 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>REL Short-term</td>
<td>300 mg/m³, 75 ppm</td>
</tr>
<tr>
<td>Long-term</td>
<td>205 mg/m³, 50 ppm</td>
</tr>
<tr>
<td>TLV Short-term</td>
<td>307 mg/m³, 75 ppm</td>
</tr>
<tr>
<td>Long-term</td>
<td>82 mg/m³, 20 ppm</td>
</tr>
<tr>
<td>BEI</td>
<td></td>
</tr>
</tbody>
</table>

(Contd. on page 6)
Trade name: Custom Standard

**75-15-0 carbon disulphide**

<table>
<thead>
<tr>
<th>PEL</th>
<th>Long-term value: 20 ppm Ceiling limit value: 30; 100* ppm *30-min peak per 8-hr shift</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL</td>
<td>Short-term value: 30 mg/m³, 10 ppm Long-term value: 3 mg/m³, 1 ppm Skin</td>
</tr>
<tr>
<td>TLV</td>
<td>Long-term value: 3.13 mg/m³, 1 ppm Skin, BEI</td>
</tr>
</tbody>
</table>

**107-13-1 acrylonitrile**

<table>
<thead>
<tr>
<th>PEL</th>
<th>Long-term value: 2 ppm Ceiling limit value: 10 ppm Skin; see 29 CRF 1910.1045</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL</td>
<td>Long-term value: 1 ppm Ceiling limit value: 10* ppm *15-min; Skin; See Pocket Guide App. A</td>
</tr>
<tr>
<td>TLV</td>
<td>Long-term value: 4.3 mg/m³, 2 ppm Skin</td>
</tr>
</tbody>
</table>

*Ingredients with biological limit values:*

**67-56-1 methanol**

| BEI | 15 mg/L Medium: urine Time: end of shift Parameter: Methanol (background, nonspecific) |

**591-78-6 hexan-2-one**

| BEI | 0.4 mg/L Medium: urine Time: end of shift at end of workweek Parameter: 2.5-Hexanedione without hydrolysis |

**108-10-1 4-methylpentan-2-one**

| BEI | 1 mg/L Medium: urine Time: end of shift Parameter: MIBK |

**75-15-0 carbon disulphide**

| BEI | 0.5 mg/g creatinine Medium: urine Time: end of shift Parameter: 2-Thioxothiazolidine-4-carboxylic acid (background, nonspecific) |

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

*Exposure controls*

*Personal protective equipment:*

*General protective and hygienic measures:*
Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately.
9 Physical and chemical properties

- **Information on basic physical and chemical properties**
  - **General Information**
  - **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:** 64.7 °C (148.5 °F)

- **Flash point:** 9 °C (48.2 °F)

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** 455 °C (851 °F)

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

- **Explosion limits:**
  - **Lower:** 5.5 Vol %
  - **Upper:** 44 Vol %

- **Vapor pressure at 20 °C (68 °F):** 100 hPa (75 mm Hg)
47.0

- Density at 20 °C (68 °F): 0.82709 g/cm³ (6.90207 lbs/gal)
- Relative density Not determined.
- Vapor density Not determined.
- Evaporation rate Not determined.

- Solubility in / Miscibility with Water: Not miscible or difficult to mix.
- Partition coefficient (n-octanol/water): Not determined.

- Viscosity:
  - Dynamic: Not determined.
  - Kinematic: Not determined.

- Solvent content:
  - Organic solvents: 87.2 %
  - Water: 12.1 %
  - VOC content: 86.69 %
  - 717.0 g/l / 5.98 lb/gl
- Solids content: 0.0 %
- Other information: No further relevant information available.

10 Stability and reactivity

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

    |                  | Oral LD50 | Dermal LD50 | Inhalative LC50/4 h |
    |------------------|-----------|-------------|---------------------|
    | ATE (Acute Toxicity Estimate) | 33,293 mg/kg (rat) | 74,843 mg/kg (rabbit) | 3.48 mg/L |
    | 67-56-1 methanol  | 5,628 mg/kg (rat)    | 15,800 mg/kg (rabbit)    |
    | 76-13-1 1,1,2-trichlorotrifluoroethane | 43 mg/kg (rat)    | 52,500 mg/L (rat)    |
Trade name: Custom Standard

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Compound</th>
<th>Oral LD50 (mg/kg) (rat)</th>
<th>Dermal LD50 (mg/kg) (rabbit)</th>
<th>Inhalative LC50 (mg/L) (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>591-78-6</td>
<td>hexan-2-one</td>
<td>2,590</td>
<td>4,800</td>
<td>8,000</td>
</tr>
<tr>
<td>108-10-1</td>
<td>4-methylpentan-2-one</td>
<td>2,080</td>
<td>16,000</td>
<td>&gt;8.2</td>
</tr>
<tr>
<td>75-15-0</td>
<td>carbon disulphide</td>
<td>1,200</td>
<td></td>
<td>10.35</td>
</tr>
<tr>
<td>107-13-1</td>
<td>acrylonitrile</td>
<td>82</td>
<td>226</td>
<td>2.09</td>
</tr>
</tbody>
</table>

- **Primary irritant effect:**
  - on the skin: No irritant effect.
  - on the eye: No irritating effect.
  - Sensitization: Sensitization possible through skin contact.
  - Additional toxicological information:
    The product shows the following dangers according to internally approved calculation methods for preparations:
    - Toxic
    - Irritant

- **Carcinogenic categories**
  - IARC (International Agency for Research on Cancer)
    - tert-butyl methyl ether: 3
    - 4-methylpentan-2-one: 2B
    - acrylonitrile: 2B
  - NTP (National Toxicology Program)
    - acrylonitrile: R
  - OSHA-Ca (Occupational Safety & Health Administration)
    - acrylonitrile

**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 3 (Self-assessment): extremely hazardous for water
  - Do not allow product to reach ground water, water course or sewage system, even in small quantities.
13 Disposal considerations

· Waste treatment methods
  · Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· Uncleaned packagings:
  · Recommendation: Disposal must be made according to official regulations.

14 Transport information

· UN-Number
  · DOT, IMDG, IATA UN1230

· UN proper shipping name
  · DOT Methanol solution
  · IMDG, IATA METHANOL solution

· Transport hazard class(es)
  · DOT
    · Class 3 Flammable liquids
    · Label 3, 6.1
  · IMDG
    · Class 3 Flammable liquids
    · Label 3/6.1
  · IATA
    · Class 3 Flammable liquids
    · Label 3 (6.1)

· Packing group
  · DOT, IMDG, IATA II
Trade name: Custom Standard

Environmental hazards: Not applicable.

Special precautions for user
- Warning: Flammable liquids
- Danger code (Kemler): 336
- EMS Number: F-E,S-D
- 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: 60 L
- IMDG
- Limited quantities (LQ) 1L
- Excepted quantities (EQ) Code: E2
  Maximum net quantity per inner packaging: 30 ml
  Maximum net quantity per outer packaging: 500 ml

UN "Model Regulation": UN 1230 METHANOL SOLUTION, 3 (6.1), II

15 Regulatory information

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

Sara
- Section 355 (extremely hazardous substances):
  75-15-0 carbon disulphide
  107-13-1 acrylonitrile

Section 313 (Specific toxic chemical listings):
- 67-56-1 methanol
- 1634-04-4 tert-butyl methyl ether
- 76-13-1 1,1,2-trichlorotrifluoroethane
- 78-93-3 butanone
- 108-10-1 4-methylpentan-2-one
- 75-15-0 carbon disulphide
- 107-13-1 acrylonitrile

TSCA (Toxic Substances Control Act):
All ingredients are listed.

TSCA new (21st Century Act) (Substances not listed)
- 591-78-6 hexan-2-one

Proposition 65
- Chemicals known to cause cancer:
  108-10-1 4-methylpentan-2-one
  107-13-1 acrylonitrile
Trade name: Custom Standard

<table>
<thead>
<tr>
<th>· Chemicals known to cause reproductive toxicity for females:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>75-15-0</td>
<td>carbon disulphide</td>
</tr>
</tbody>
</table>

| · Chemicals known to cause reproductive toxicity for males: |
|---------------------------------|---|
| 591-78-6  | hexan-2-one |
| 75-15-0  | carbon disulphide |

| · Chemicals known to cause developmental toxicity: |
|---------------------------------|---|
| 67-56-1  | methanol |
| 591-78-6  | hexan-2-one |
| 108-10-1  | 4-methylpentan-2-one |
| 75-15-0  | carbon disulphide |

| · Carcinogenic categories |
|---------------------------------|---|
| · EPA (Environmental Protection Agency) |
| 78-93-3  | butanone  | I |
| 591-78-6  | hexan-2-one  | II |
| 108-10-1  | 4-methylpentan-2-one  | I |
| 67-64-1  | acetone  | I |
| 107-13-1  | acrylonitrile  | B1 |

| · TLV (Threshold Limit Value established by ACGIH) |
|---------------------------------|---|
| 1634-04-4  | tert-butyl methyl ether  | A3 |
| 76-13-1  | 1,1,2-trichlorotrifluoroethane  | A4 |
| 67-64-1  | acetone  | A4 |
| 75-15-0  | carbon disulphide  | A4 |
| 107-13-1  | acrylonitrile  | A3 |

| · NIOSH-Ca (National Institute for Occupational Safety and Health) |
|---------------------------------|---|
| 107-13-1  | acrylonitrile  | |

| · GHS label elements | The product is classified and labeled according to the Globally Harmonized System (GHS). |

| · Hazard pictograms |
|---------------------------------|---|
| GHS02  | GHS06  | GHS07  | GHS08 |

| · Signal word | Danger |

| · Hazard-determining components of labeling: |
|---------------------------------|---|
| methanol |
| acrylonitrile |
| carbon disulphide |

| · Hazard statements |
|---------------------------------|---|
| Highly flammable liquid and vapor. |
| Toxic if inhaled. |
| May cause an allergic skin reaction. |
| Suspected of causing cancer. |
| Suspected of damaging fertility or the unborn child. |
| Causes damage to organs. |
| May cause damage to organs through prolonged or repeated exposure. |
· **Precautionary statements**
  
  Obtain special instructions before use.
  Do not handle until all safety precautions have been read and understood.
  Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  Ground/bond container and receiving equipment.
  Use explosion-proof electrical/ventilating/lighting/equipment.
  Use only non-sparking tools.
  Take precautionary measures against static discharge.
  Do not breathe dust/fume/gas/mist/vapors/spray.
  Wash thoroughly after handling.
  Do not eat, drink or smoke when using this product.
  Use only outdoors or in a well-ventilated area.
  Contaminated work clothing must not be allowed out of the workplace.
  Wear protective gloves/protective clothing/eye protection/face protection.
  If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
  IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  IF exposed or concerned: Get medical advice/attention.
  Specific treatment (see on this label).
  Get medical advice/attention if you feel unwell.
  If skin irritation or rash occurs: Get medical advice/attention.
  Wash contaminated clothing before reuse.
  In case of fire: Use for extinction: CO2, powder or water spray.
  Store in a well-ventilated place. Keep container tightly closed.
  Store locked up.
  Dispose of contents/container in accordance with local/regional/national/international regulations.

· **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** 07/06/2018 / -

· **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)
  NFFA: 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
  BEI: Biological Exposure Limit
  Flam. Liq. 2: Flammable liquids – Category 2
  Acute Tox. 3: Acute toxicity – Category 3
Trade name: Custom Standard

- Skin Sens. 1: Skin sensitisation – Category 1
- Carc. 2: Carcinogenicity – Category 2
- Repr. 2: Reproductive toxicity – Category 2
- STOT SE 1: Specific target organ toxicity (single exposure) – Category 1
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2