1 Identification

· Product identifier
· Trade name: Custom Standard
· Part number: CUS-4402
· 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

  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.

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

  GHS02 GHS06 GHS08

· Signal word Danger

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

- **Hazard-determining components of labeling:**
  - methanol
  - carbon disulphide

- **Hazard statements**
  - Highly flammable liquid and vapor.
  - Toxic if inhaled.
  - 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.
  - 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.
  - Get medical advice/attention if you feel unwell.
  - Specific treatment (see on this label).
  - 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

  - **HMIS-ratings (scale 0 - 4)**
    - HEALTH
      - Health = *1
    - FIRE
      - Fire = 3
    - 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:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1 methanol</td>
<td>84.767%</td>
</tr>
<tr>
<td>591-78-6 hexan-2-one</td>
<td>0.616%</td>
</tr>
<tr>
<td>108-10-1 4-methylpentan-2-one</td>
<td>0.616%</td>
</tr>
<tr>
<td>75-15-0 carbon disulphide</td>
<td>0.616%</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.
  - **Advice for firefighters**
  - **Protective equipment:** Mouth respiratory protective device.

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.
Trade name: Custom Standard

· 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>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>97-63-2 ethyl methacrylate</td>
<td>5.5 ppm</td>
<td></td>
</tr>
<tr>
<td>1634-04-4 tert-butyl methyl ether</td>
<td>50 ppm</td>
<td></td>
</tr>
<tr>
<td>110-57-6 trans-2,3-dichlorobut-2-ene</td>
<td>0.078 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>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>97-63-2 ethyl methacrylate</td>
<td>61 ppm</td>
<td></td>
</tr>
<tr>
<td>1634-04-4 tert-butyl methyl ether</td>
<td>570 ppm</td>
<td></td>
</tr>
<tr>
<td>110-57-6 trans-2,3-dichlorobut-2-ene</td>
<td>0.86 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>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>
<tr>
<td>75-15-0 carbon disulphide</td>
<td>480 ppm</td>
<td></td>
</tr>
<tr>
<td>97-63-2 ethyl methacrylate</td>
<td>370 ppm</td>
<td></td>
</tr>
<tr>
<td>1634-04-4 tert-butyl methyl ether</td>
<td>5300* ppm</td>
<td></td>
</tr>
<tr>
<td>110-57-6 trans-2,3-dichlorobut-2-ene</td>
<td>3.8 ppm</td>
<td></td>
</tr>
</tbody>
</table>

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.
### 8 Exposure controls/personal protection

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

- **Control parameters**

<table>
<thead>
<tr>
<th>Component</th>
<th>PEL Long-term value</th>
<th>REL Long-term value</th>
<th>TLV Long-term value</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1 methanol</td>
<td>260 mg/m³, 200 ppm</td>
<td>325 mg/m³, 250 ppm</td>
<td>328 mg/m³, 250 ppm</td>
</tr>
<tr>
<td></td>
<td>260 mg/m³, 200 ppm</td>
<td></td>
<td>262 mg/m³, 200 ppm</td>
</tr>
<tr>
<td></td>
<td>Skin</td>
<td></td>
<td>Skin; BEI</td>
</tr>
<tr>
<td>591-78-6 hexan-2-one</td>
<td>410 mg/m³, 100 ppm</td>
<td>4 mg/m³, 1 ppm</td>
<td>40 mg/m³, 10 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value</td>
<td>Long-term value</td>
<td>Long-term value</td>
</tr>
<tr>
<td></td>
<td>260 mg/m³, 200 ppm</td>
<td>260 mg/m³, 200 ppm</td>
<td>20 mg/m³, 5 ppm</td>
</tr>
<tr>
<td></td>
<td>Skin; BEI</td>
<td></td>
<td>Skin; BEI</td>
</tr>
<tr>
<td>108-10-1 4-methylpentan-2-one</td>
<td>410 mg/m³, 100 ppm</td>
<td>300 mg/m³, 75 ppm</td>
<td>307 mg/m³, 75 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value</td>
<td>Long-term value</td>
<td>Long-term value</td>
</tr>
<tr>
<td></td>
<td>205 mg/m³, 50 ppm</td>
<td>205 mg/m³, 50 ppm</td>
<td>82 mg/m³, 20 ppm</td>
</tr>
<tr>
<td></td>
<td>Skin; BEI</td>
<td></td>
<td>Skin; BEI</td>
</tr>
<tr>
<td>75-15-0 carbon disulphide</td>
<td>20 ppm</td>
<td>30 mg/m³, 10 ppm</td>
<td>3.13 mg/m³, 1 ppm</td>
</tr>
<tr>
<td></td>
<td>Ceiling limit value</td>
<td>Long-term value</td>
<td>Long-term value</td>
</tr>
<tr>
<td></td>
<td>30; 100* ppm</td>
<td>3 mg/m³, 1 ppm</td>
<td>3.13 mg/m³, 1 ppm</td>
</tr>
<tr>
<td></td>
<td>*30-min peak per 8-hr shift</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REL Short-term value</td>
<td>Long-term value</td>
<td>Skin; BEI</td>
</tr>
<tr>
<td></td>
<td>30 mg/m³, 10 ppm</td>
<td>3 mg/m³, 1 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Long-term value</td>
<td>Skin; BEI</td>
<td></td>
</tr>
</tbody>
</table>
### Ingredients with biological limit values:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>BEI</th>
<th>Medium</th>
<th>Time</th>
<th>Parameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1 methanol</td>
<td>15 mg/L</td>
<td>urine</td>
<td>end of shift</td>
<td>Methanol (background, nonspecific)</td>
</tr>
<tr>
<td>591-78-6 hexan-2-one</td>
<td>0.4 mg/L</td>
<td>urine</td>
<td>end of shift at end of workweek</td>
<td>2.5-Hexanedione without hydrolysis</td>
</tr>
<tr>
<td>108-10-1 4-methylpentan-2-one</td>
<td>1 mg/L</td>
<td>urine</td>
<td>end of shift</td>
<td>MIBK</td>
</tr>
<tr>
<td>75-15-0 carbon disulphide</td>
<td>0.5 mg/g creatinine</td>
<td>urine</td>
<td>end of shift</td>
<td>2-Thioxothiazolidine-4-carboxylic acid (background, nonspecific)</td>
</tr>
</tbody>
</table>

### 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.

**Breathing equipment:**
- In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

**Protection of hands:**
- Protective gloves

**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 can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**
The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
Trade name: Custom Standard

**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)
- Density at 20 °C (68 °F): 0.82719 g/cm³ (6.9029 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: 86.7 %
  - Water: 11.9 %
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:**
  - ATE (Acute Toxicity Estimate)
    - Inhalative LC50/4 h: 3.54 mg/L
  - 67-56-1 methanol
    - Oral LD50: 5,628 mg/kg (rat)
    - Dermal LD50: 15,800 mg/kg (rabbit)
  - 591-78-6 hexan-2-one
    - Oral LD50: 2,590 mg/kg (rat)
    - Dermal LD50: 4,800 mg/kg (rabbit)
    - Inhalative LC50/4 h: 8,000 mg/L (rat)
  - 108-10-1 4-methylpentan-2-one
    - Oral LD50: 2,080 mg/kg (rat)
    - Dermal LD50: 16,000 mg/kg (rabbit)
    - Inhalative LC50/4 h: >8.2 mg/L (rat)
  - 75-15-0 carbon disulphide
    - Oral LD50: 1,200 mg/kg (rat)
    - Inhalative LC50/4 h: 10.35 mg/L (rat)

- **Primary irritant effect:**
  - **on the skin:** No irritant effect.
  - **on the eye:** No irritating effect.
  - **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**
  The product shows the following dangers according to internally approved calculation methods for preparations:
  Toxic
Trade name: Custom Standard

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 2 (Self-assessment): hazardous for water.
    Do not allow product to reach ground water, water course or sewage system.
    Danger to drinking water if even small quantities leak into the ground.
  - 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.

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

14 Transport information

- UN-Number
- DOT, IMDG, IATA: UN1993

- UN proper shipping name
  - DOT
  - IMDG, IATA: Flammable liquids, n.o.s. (Methanol)
  - IMDG, IATA: FLAMMABLE LIQUID, N.O.S. (METHANOL)
### 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
  - 110-57-6 trans-2,3-dichlorobut-2-ene
Trade name: Custom Standard

<table>
<thead>
<tr>
<th>Section 313 (Specific toxic chemical listings):</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1 methanol</td>
</tr>
<tr>
<td>78-93-3 butanone</td>
</tr>
<tr>
<td>108-10-1 4-methylpentan-2-one</td>
</tr>
<tr>
<td>75-15-0 carbon disulphide</td>
</tr>
<tr>
<td>1634-04-4 tert-butyl methyl ether</td>
</tr>
<tr>
<td>110-57-6 trans-2,3-dichlorobut-2-ene</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>TSCA new (21st Century Act) (Substances not listed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>591-78-6 hexan-2-one</td>
</tr>
</tbody>
</table>

| Proposition 65                                     |
| Chemicals known to cause cancer:                   |
| 108-10-1 4-methylpentan-2-one                      |

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

<table>
<thead>
<tr>
<th>Chemicals known to cause reproductive toxicity for males:</th>
</tr>
</thead>
<tbody>
<tr>
<td>591-78-6 hexan-2-one</td>
</tr>
<tr>
<td>75-15-0 carbon disulphide</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemicals known to cause developmental toxicity:</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1 methanol</td>
</tr>
<tr>
<td>591-78-6 hexan-2-one</td>
</tr>
<tr>
<td>108-10-1 4-methylpentan-2-one</td>
</tr>
<tr>
<td>75-15-0 carbon disulphide</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Carcinogenic categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>78-93-3 butanone</td>
</tr>
<tr>
<td>591-78-6 hexan-2-one</td>
</tr>
<tr>
<td>108-10-1 4-methylpentan-2-one</td>
</tr>
<tr>
<td>67-64-1 acetone</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EPA (Environmental Protection Agency)</th>
</tr>
</thead>
<tbody>
<tr>
<td>78-93-3 butanone</td>
</tr>
<tr>
<td>591-78-6 hexan-2-one</td>
</tr>
<tr>
<td>108-10-1 4-methylpentan-2-one</td>
</tr>
<tr>
<td>67-64-1 acetone</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TLV (Threshold Limit Value established by ACGIH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1 acetone</td>
</tr>
<tr>
<td>75-15-0 carbon disulphide</td>
</tr>
<tr>
<td>1634-04-4 tert-butyl methyl ether</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NIOSH-Ca (National Institute for Occupational Safety and Health)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None of the ingredients is listed.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GHS label elements</th>
</tr>
</thead>
<tbody>
<tr>
<td>The product is classified and labeled according to the Globally Harmonized System (GHS).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazard pictograms</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHS02</td>
</tr>
<tr>
<td>GHS06</td>
</tr>
<tr>
<td>GHS08</td>
</tr>
</tbody>
</table>
· Signal word  Danger

· Hazard-determining components of labeling:
  methanol
  carbon disulphide

· Hazard statements
  Highly flammable liquid and vapor.
  Toxic if inhaled.
  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.
  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).
  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.
  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 01/15/2018 / -

· 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)
  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
Trade name: Custom Standard

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
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