## 1 Identification

- **Product identifier**
- **Trade name:** MC-FERROX A 100
- **Article number:** W231.X W231.XX W231.XXXX
- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:** Wasser Corporation
    4118 B PL NW, Suite B
    Auburn, WA 98001, US
    Phone 253-850-2967
- **Information department:** Product safety department
- **Emergency telephone number:**
  - EMERGENCY PHONE NUMBERS:
    - USA and Canada: 1-800 424-9300
    - International: 1-703 527-3887

## 2 Hazard(s) identification

- **Classification of the substance or mixture**

  - **Flame**
    - Flam. Liq. 2 H225 Highly flammable liquid and vapor.

  - **Health hazard**
    - Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
    - Muta. 1B H340 May cause genetic defects.
    - Carc. 1A H350 May cause cancer.

  - **Acute Tox. 4 H332 Harmful if inhaled.**
    - Skin Irrit. 2 H315 Causes skin irritation.
    - Eye Irrit. 2A H319 Causes serious eye irritation.
    - Skin Sens. 1 H317 May cause an allergic skin reaction.
    - STOT SE 3 H335 May cause respiratory irritation.

- **Label elements**

  - **GHS label elements**
    - The product is classified and labeled according to the Globally Harmonized System (GHS).
  - **Hazard pictograms**
    - GHS02 GHS07 GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**
  - titanium dioxide
  - Hexane, 1,6-diisocyanato-, homopolymer
  - Stoddard solvent

(Contd. on page 2)
Trade name: MC-FERROX A 100

Ferric oxide

- **Hazard statements**
  
  H225 Highly flammable liquid and vapor.
  H332 Harmful if inhaled.
  H315 Causes skin irritation.
  H319 Causes serious eye irritation.
  H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
  H317 May cause an allergic skin reaction.
  H340 May cause genetic defects.
  H350 May cause cancer.
  H335 May cause respiratory irritation.

- **Precautionary statements**
  
  Keep out of reach from children.
  P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  P241 Use explosion-proof electrical/ventilating/lighting/equipment.
  P284 Wear respiratory protection.
  P261 Avoid breathing dust/fume/gas/mist/vapors/spray
  P280 Wear protective gloves / eye protection / face protection.
  P280 Wear protective gloves.
  P280 Wear eye protection / face protection.
  P240 Ground/bond container and receiving equipment.
  P242 Use only non-sparking tools.
  P243 Take precautionary measures against static discharge.
  P264 Wash thoroughly after handling.
  P271 Use only outdoors or in a well-ventilated area.
  P272 Contaminated work clothing must not be allowed out of the workplace.
  P201 Obtain special instructions before use.
  P202 Do not handle until all safety precautions have been read and understood.
  P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
  P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  P321 Specific treatment (see on this label).
  P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor.
  P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
  P312 Call a poison center/doctor if you feel unwell.
  P363 Wash contaminated clothing before reuse.
  P308+P313 IF exposed or concerned: Get medical advice/attention.
  P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
  P337+P313 If eye irritation persists: Get medical advice/attention.
  P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.
  P362+P364 Take off contaminated clothing and wash it before reuse.
  P405 Store locked up.
  P403+P233 Store in a well-ventilated place. Keep container tightly closed.
  P403+P235 Store in a well-ventilated place. Keep cool.
  P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**
  
  - **NFPA ratings (scale 0 - 4)**
    
    Health  = 3
    Fire    = 3
    Reactivity = 0

(Contd. on page 3)
3 Chemical characterization/information on ingredients

- Description: Mixtures

- Dangerous components:

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1309-37-1</td>
<td>Ferric oxide</td>
<td>10-30%</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium dioxide in pastel or grey colors</td>
<td>10-30%</td>
</tr>
<tr>
<td>540-88-5</td>
<td>tert-butyl acetate</td>
<td>10-30%</td>
</tr>
<tr>
<td>14807-96-6</td>
<td>Talc (Mg3H2(SiO3)4)</td>
<td>10-30%</td>
</tr>
<tr>
<td>8052-41-3</td>
<td>Stoddard solvent</td>
<td>1-5%</td>
</tr>
<tr>
<td>7429-90-5</td>
<td>Aluminium powder (stabilised) only in aluminium color</td>
<td>1-5%</td>
</tr>
<tr>
<td>28182-81-2</td>
<td>Hexane, 1,6-disocyanato-, homopolymer</td>
<td>1-5%</td>
</tr>
<tr>
<td>53880-05-0</td>
<td>Homopolymer of IPDI</td>
<td>1-5%</td>
</tr>
<tr>
<td>110-43-0</td>
<td>Methyl amyl ketone</td>
<td>1-5%</td>
</tr>
<tr>
<td>1333-86-4</td>
<td>Carbon black in grey or dark colors</td>
<td>0.1-1%</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>Solvent naphtha (petroleum), light arom.</td>
<td>0.1-1%</td>
</tr>
<tr>
<td>4098-71-9</td>
<td>Isophorone di-isocyanate</td>
<td>0.1-1%</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-trimethylbenzene</td>
<td>0.1-1%</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz (SiO2)</td>
<td>0.1-1%</td>
</tr>
<tr>
<td>64742-82-1</td>
<td>Naphtha (petroleum), hydrodesulfurized heavy</td>
<td>0.1-1%</td>
</tr>
<tr>
<td>64741-65-7</td>
<td>Naphtha (petroleum), heavy alkylate</td>
<td>0.1-1%</td>
</tr>
</tbody>
</table>

4 First-aid measures

- Description of first aid measures
- General information:
  Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- After inhalation:
  Supply fresh air and to be sure call for a 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. If symptoms persist, 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, sand, extinguishing powder. Do not use water.
- **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 product to reach sewage system or any water course.
  Inform respective authorities in case of seepage into water course or sewage system.
  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.
  Do not flush with water or aqueous cleansing agents
- **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.

7 Handling and storage

- **Handling:**
  - **Precautions for safe handling**
    Ensure good ventilation/exhaustion at the workplace.
    Open and handle receptacle with care.
    Prevent formation of aerosols.
  - **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:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>PEL</th>
<th>REL</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>tert-butyl acetate</td>
<td>Long-term value: 950 mg/m³, 200 ppm</td>
<td>Long-term value: 950 mg/m³, 200 ppm</td>
<td>Long-term value: 950 mg/m³, 200 ppm</td>
</tr>
<tr>
<td>Stoddard solvent</td>
<td>Long-term value: 2900 mg/m³, 500 ppm</td>
<td>Long-term value: 350 mg/m³</td>
<td>Ceiling limit value: 1800* mg/m³</td>
</tr>
<tr>
<td>methyl amyl ketone</td>
<td>Long-term value: 465 mg/m³, 100 ppm</td>
<td>Long-term value: 465 mg/m³, 100 ppm</td>
<td>Long-term value: 233 mg/m³, 50 ppm</td>
</tr>
<tr>
<td>isophorone di-isocyanate</td>
<td>Short-term value: 0.18 mg/m³, 0.02 ppm</td>
<td>Long-term value: 0.045 mg/m³, 0.005 ppm</td>
<td>Long-term value: 0.045 mg/m³, 0.005 ppm</td>
</tr>
</tbody>
</table>

*15-min

---

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

### Exposure controls

#### 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.
- Avoid contact with the eyes and skin.

### Breathing equipment:
During mixing, handling and application: Splash goggles. Full protective clothing. Gloves (impervious). Wear suitable respiratory equipment. When air concentrations are not known (or above the TLV), an air-supplied respirator is required. Refer to OSHA Respiratory Protection Standard (29 CFR 1910.134). In presence of air movement, air-purifying (cartridge type) respirators are not the best protection but can be used, if you replaced them frequently. Change cartridges after 8h max or less due to their low warning properties. When in a confined space wear MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear.

### 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 can not be calculated in advance and has therefore to be checked prior to the application.
### Trade name: MC-FERROX A 100

(Contd. of page 5)

- **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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td></td>
</tr>
<tr>
<td>Form</td>
<td>Fluid</td>
</tr>
<tr>
<td>Color</td>
<td>Various colors</td>
</tr>
<tr>
<td>Odor</td>
<td>Aromatic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH-value</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Change in condition</td>
<td></td>
</tr>
<tr>
<td>Melting point/Melting range</td>
<td>Undetermined</td>
</tr>
<tr>
<td>Boiling point/Boiling range</td>
<td>97 °C (207 °F)</td>
</tr>
<tr>
<td>Flash point</td>
<td>15 °C (59 °F)</td>
</tr>
<tr>
<td>Flammability (solid, gaseous)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Auto igniting</td>
<td>Product is not selfigniting.</td>
</tr>
<tr>
<td>Danger of explosion</td>
<td>Product is not explosive. However, formation of explosive air/vapor mixtures are possible.</td>
</tr>
<tr>
<td>Explosion limits</td>
<td></td>
</tr>
<tr>
<td>Lower</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Upper</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure at 20 °C (68 °F):</td>
<td>41 hPa (31 mm Hg)</td>
</tr>
<tr>
<td>Density at 20 °C (68 °F):</td>
<td>1.53-1.77 g/cm³ (12.768-14.771 lbs/gal)</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Solubility in / Miscibility with Water</td>
<td>Not miscible or difficult to mix.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity</td>
<td></td>
</tr>
<tr>
<td>Dynamic</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Kinematic</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Solvent content</td>
<td></td>
</tr>
<tr>
<td>Solids content</td>
<td>77.0-83.0 %</td>
</tr>
<tr>
<td>Other information</td>
<td>No further relevant information available.</td>
</tr>
</tbody>
</table>

(Contd. on page 7)
10 Stability and reactivity

- Reactivity
- 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:

<table>
<thead>
<tr>
<th>LD/LC50 values that are relevant for classification:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1309-37-1 Ferric oxide</td>
</tr>
<tr>
<td>Oral LD50 &gt;5000 mg/kg (rat)</td>
</tr>
<tr>
<td>64742-95-6 Solvent naphtha (petroleum), light arom.</td>
</tr>
<tr>
<td>Oral LD50 &gt;6800 mg/kg (rat)</td>
</tr>
<tr>
<td>Dermal LD50 &gt;3400 mg/kg (rab)</td>
</tr>
<tr>
<td>Inhalative LC50/4 h &gt;10.2 mg/l (rat)</td>
</tr>
<tr>
<td>64741-65-7 Naphtha (petroleum), heavy alkylate</td>
</tr>
<tr>
<td>Oral LD50 &gt;6000 mg/kg (rat)</td>
</tr>
<tr>
<td>Dermal LD50 &gt;3000 mg/kg (rabbit)</td>
</tr>
<tr>
<td>Inhalative LC50/4 h &gt;7.8 mg/l (rat)</td>
</tr>
</tbody>
</table>

- Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.
- on the eye: Irritating effect.
- Sensitization: Sensitization possible through inhalation. Sensitization possible through skin contact.
- Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations: Harmful Irritant Carcinogenic. The product can cause inheritable damage.

- Carcinogenic categories

<table>
<thead>
<tr>
<th>IARC (International Agency for Research on Cancer)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1309-37-1 Ferric oxide 3</td>
</tr>
<tr>
<td>13463-67-7 titanium dioxide 2B</td>
</tr>
<tr>
<td>14807-96-6 Talc (Mg3H2(SiO3)4) 2B</td>
</tr>
<tr>
<td>7631-86-9 silicon dioxide, chemically prepared 3</td>
</tr>
<tr>
<td>1333-86-4 Carbon black 2B</td>
</tr>
<tr>
<td>14808-60-7 Quartz (SiO2) 1</td>
</tr>
<tr>
<td>1330-20-7 xylene 3</td>
</tr>
<tr>
<td>111-76-2 2-butoxyethanol 3</td>
</tr>
<tr>
<td>NTP (National Toxicology Program)</td>
</tr>
<tr>
<td>14808-60-7 Quartz (SiO2) K</td>
</tr>
</tbody>
</table>
### 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.
    - Danger to drinking water if even extremely 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, ADR, IMDG, IATA**
  - UN1263
- **UN proper shipping name**
  - DOT
  - ADR
  - IMDG, IATA
    - Paint
    - 1263 Paint
    - PAINT
- **Transport hazard class(es)**
  - DOT
    - Class
    - Label
      - 3 Flammable liquids
      - 3
  - ADR, IMDG, IATA
    - Class
    - 3 Flammable liquids
Trade name: MC-FERROX A 100

**Label** 3

**Packing group**

- DOT, ADR, IMDG, IATA II

**Environmental hazards:**

- Marine pollutant: No

**Special precautions for user**

- Warning: Flammable liquids

**Danger code (Kemler):** 33

**EMS Number:** F-E,S,E

**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: 5 L
    - On cargo aircraft only: 60 L

- **ADR**
  - **Excepted quantities (EQ)** Code: E2
    - Maximum net quantity per inner packaging: 30 ml
    - Maximum net quantity per outer packaging: 500 ml

- **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":** UN1263, Paint, 3, II

### 15 Regulatory information

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

**Sara**

- **Section 355 (extremely hazardous substances):**
  - 4098-71-9 isophorone di-isocyanate

- **Section 313 (Specific toxic chemical listings):**
  - 4098-71-9 isophorone di-isocyanate
  - 95-63-6 1,2,4-trimethylbenzene
  - 1330-20-7 xylene
  - 822-06-0 hexamethylene-di-isocyanate
  - 872-50-4 N-methyl-2-pyrrolidone
  - 111-76-2 2-butoxyethanol

**TSCA (Toxic Substances Control Act):**

- Ferric oxide
- titanium dioxide
- tert-butyl acetate
- Talc (Mg3H2(SiO3)4)
- Stoddard solvent
- Hexane, 1,6-diisocyanato-, homopolymer
- Homopolymer of IPDI
- methyl amyl ketone

(Contd on page 10)
silicon dioxide, chemically prepared

**Proposition 65**

- **Chemicals known to cause cancer:**
  - 13463-67-7 titanium dioxide
  - 1333-86-4 Carbon black
  - 14808-60-7 Quartz (SiO2)

- **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:**
  - 872-50-4 N-methyl-2-pyrrolidone

- **Carcinogenic categories**
  - **EPA (Environmental Protection Agency)**
    - 1330-20-7 xylene
    - 111-76-2 2-butoxyethanol
  - **TLV (Threshold Limit Value established by ACGIH)**
    - Ferric oxide A4
    - titanium dioxide A4
    - Talc (Mg3H2(SiO3)4) A4
    - Carbon black A4
    - Quartz (SiO2) A2
    - zirconium dioxide A4
    - xylene A4
  - **NIOSH-Ca (National Institute for Occupational Safety and Health)**
    - 13463-67-7 titanium dioxide
    - 1333-86-4 Carbon black
    - 14808-60-7 Quartz (SiO2)

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

- **Hazard pictograms**
  - GHS02
  - GHS07
  - GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**
  - titanium dioxide
  - Hexane, 1,6-diisocyanato-, homopolymer
  - Stoddard solvent
  - Ferric oxide

- **Hazard statements**
  - H225 Highly flammable liquid and vapor.
  - H332 Harmful if inhaled.
  - H315 Causes skin irritation.
  - H319 Causes serious eye irritation.
  - H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
  - H317 May cause an allergic skin reaction.
H340 May cause genetic defects.
H350 May cause cancer.
H335 May cause respiratory irritation.

Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P284 Wear respiratory protection.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P280 Wear protective gloves / eye protection / face protection.
P280 Wear protective gloves.
P280 Wear eye protection / face protection.
P240 Ground/bond container and receiving equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment (see on this label).
P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations:

Information about limitation of use:
Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation.
Exceptions can be made by the authorities in certain cases.

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.

Department issuing SDS: Product safety department
Contact: HS REG.DEPART.REG.SS
Date of preparation / last revision 09/25/2015 /

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
<table>
<thead>
<tr>
<th>Acronyms</th>
<th>Full Form</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Governmental Industrial Hygienists</td>
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<tr>
<td>EINECS</td>
<td>European Inventory of Existing Commercial Chemical Substances</td>
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<tr>
<td>ELINCS</td>
<td>European List of Notified Chemical Substances</td>
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<tr>
<td>CAS</td>
<td>Chemical Abstracts Service (division of the American Chemical Society)</td>
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<tr>
<td>NFPA</td>
<td>National Fire Protection Association (USA)</td>
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<tr>
<td>HMIS</td>
<td>Hazardous Materials Identification System (USA)</td>
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<tr>
<td>VOC</td>
<td>Volatile Organic Compounds (USA, EU)</td>
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<tr>
<td>LC50</td>
<td>Lethal concentration, 50 percent</td>
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</tr>
<tr>
<td>LD50</td>
<td>Lethal dose, 50 percent</td>
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<tr>
<td>Flam. Liq. 2</td>
<td>Flammable liquids, Hazard Category 2</td>
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<tr>
<td>Acute Tox. 4</td>
<td>Acute toxicity, Hazard Category 4</td>
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<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Hazard Category 2</td>
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<tr>
<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation, Hazard Category 2A</td>
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<tr>
<td>Resp. Sens. 1</td>
<td>Sensitisation - Respirat., Hazard Category 1</td>
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<tr>
<td>Skin Sens. 1</td>
<td>Sensitisation - Skin, Hazard Category 1</td>
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<tr>
<td>Mut. 1B</td>
<td>Germ cell mutagenicity, Hazard Category 1B</td>
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<tr>
<td>Carc. 1A</td>
<td>Carcinogenicity, Hazard Category 1A</td>
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<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity - Single exposure, Hazard Category 3</td>
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