

# Xylene Ortho

Part No. RXSOL-19-1488-210 — Generated 29 Sep 2026

## 1. Product and Company Identification

|              |                   |
|--------------|-------------------|
| Product Name | Xylene Ortho      |
| Part Number  | RXSOL-19-1488-210 |

Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

|         |                                                          |
|---------|----------------------------------------------------------|
| Phone   | +91 22 20871200 - 1400                                   |
| Fax     | +91 22 27612100 :::AOH :0091 9821214367                  |
| Email   | <a href="mailto:mail@rxmarine.com">mail@rxmarine.com</a> |
| Website | <a href="http://www.rxmarine.com">www.rxmarine.com</a>   |

## 2. Composition / informationon ingredients

| Chemical Name | CAS NO  | EC.NO     | Weight%      | Index-No.    |
|---------------|---------|-----------|--------------|--------------|
| O-XYLENE      | 95-47-6 | 202-422-2 | 106.16 g/mol | 601-022-00-9 |

## 3. Hazards Identification

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Swallowed:                          | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Eye                                 | irritation (Category 2), H319                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Skin:                               | irritation (Category 2), H315                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Inhaled:                            | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| First Aid Facilities                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Hazard Statements                   | H226 Flammable liquid and vapor.<br>H304 May be fatal if swallowed and enters airways.<br>H312 + H332 Harmful in contact with skin or if inhaled.<br>H315 Causes skin irritation.<br>H319 Causes serious eye irritation.<br>H335 May cause respiratory irritation.<br>H412 Harmful to aquatic life with long lasting effects                                                                                                                                 |
| Precautionary statements - response | P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P273 Avoid release to the environment.<br>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.<br>P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.<br>P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.<br>P331 Do NOT induce vomiting |
| Response                            | None                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Disposal                            | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

|                                |                                                                                                                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prevention                     | NA                                                                                                                                                                                                |
| Supplemental Hazard Statements | None                                                                                                                                                                                              |
| Other hazards                  | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher |
| Chronic                        | NA                                                                                                                                                                                                |

## 4. First Aid Measures

|                                                                            |                                                                                                                                                                        |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice                                                             | Show this material safety data sheet to the doctor in attendance.                                                                                                      |
| If inhaled                                                                 | After inhalation: fresh air.                                                                                                                                           |
| Eye Contact                                                                | After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.                                                                     |
| Swallowed                                                                  | After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free. Pulmonary failure possible after aspiration of vomit. Call a physician immediately. |
| Skin Contact                                                               | In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician                                            |
| First Aid Facilities:                                                      | NA                                                                                                                                                                     |
| Inhalation:                                                                | NA                                                                                                                                                                     |
| Ingestion:                                                                 | NA                                                                                                                                                                     |
| Notes to Physician                                                         | NA                                                                                                                                                                     |
| If swallowed                                                               | After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free. Pulmonary failure possible after aspiration of vomit. Call a physician immediately  |
| Most important symptoms and effects, both acute and delaye                 | The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11                                                    |
| Indication of any immediate medical attention and special treatment needed | No data available                                                                                                                                                      |

## 5. Fire-fighting Measures

|                                                       |                                                                                                                                                                                                                                     |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extinguishing media                                   | NA                                                                                                                                                                                                                                  |
| Flammability                                          | NA                                                                                                                                                                                                                                  |
| Flash Point                                           | None                                                                                                                                                                                                                                |
| Suitable extinguishing media                          | Carbon dioxide (CO2) Foam Dry powder                                                                                                                                                                                                |
| Unsuitable extinguishing media                        | For this substance/mixture no limitations of extinguishing agents are given.                                                                                                                                                        |
| Special hazards arising from the substance or mixture | Carbon oxides Combustible. Vapors are heavier than air and may spread along floors. Forms explosive mixtures with air at elevated temperatures. Development of hazardous combustion gases or vapours possible in the event of fire. |
| Further information                                   | Remove container from danger zone and cool with water. Prevent fire extinguishing water                                                                                                                                             |
| General Hazard                                        | NA                                                                                                                                                                                                                                  |
| Extinguishing Media                                   | NA                                                                                                                                                                                                                                  |
| Hazardous combustion products                         | NA                                                                                                                                                                                                                                  |

|                                            |                                                                                                                                                               |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice for firefighters                    | Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing. |
| Protective Equipment                       | NA                                                                                                                                                            |
| Specific Hazards Arising from the Chemical | NA                                                                                                                                                            |

## 6. Accidental Release Measures

|                                                                     |                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert.<br>For personal protection see section 8. |
| Spillage                                                            | NA                                                                                                                                                                                                                                                                                           |
| Spills and disposal                                                 | NA                                                                                                                                                                                                                                                                                           |
| Personal Protection                                                 | NA                                                                                                                                                                                                                                                                                           |
| Environmental Precaution                                            | Do not let product enter drains. Risk of explosion.                                                                                                                                                                                                                                          |
| Methods and materials for containment and cleaning                  | Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.                                                           |
| Reference to other sections                                         | For disposal see section 13.                                                                                                                                                                                                                                                                 |

## 7. Handling and Storage

|                                                              |                                                                                                                                                                      |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling                                                     | NA                                                                                                                                                                   |
| Storage                                                      | NA                                                                                                                                                                   |
| Advice on safe handling                                      | Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.                                                                              |
| Advice on protection against fire and explosion              | Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge                                               |
| Hygiene measures                                             | Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.<br>For precautions see section 2.2.    |
| Precautions for safe handling                                | NA                                                                                                                                                                   |
| Conditions for safe storage, including any incompatibilities | Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.<br>Recommended storage temperature see product label. |
| Storage conditions                                           | NA                                                                                                                                                                   |
| Storage conditions                                           | NA                                                                                                                                                                   |
| Storage class                                                | Storage class (TRGS 510): 3: Flammable liquids                                                                                                                       |
| Specific end use(s)                                          | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated                                                                                   |
| Advice on general occupational hygiene                       | NAX                                                                                                                                                                  |

## 8. Exposure controls and personal protection

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Radiation Exposure                 | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Occupational Exposure limit values | No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Biological limit values            | No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Exposure controls                  | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Engineering Control                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Personal Protection                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Eye/face protection                | Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Body Protection                    | Flame retardant antistatic protective clothing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Skin protection                    | <p>This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: <a href="http://www.kcl.de">www.kcl.de</a>). Full contact Material: Viton® Minimum layer thickness: 0,7 mm Break through time: 480 min Material tested: Vitoject® (KCL 890 / Aldrich Z677698, Size M) This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: <a href="http://www.kcl.de">www.kcl.de</a>). Splash contact Material: Nitrile rubber Minimum layer thickness: 0,4 mm Break through time: 30 min Material tested: Camatril® (KCL 730 / Aldrich Z677442, Size M)</p> |
| Respiratory protection             | <p>Recommended Filter type: Filter A (acc. to DIN 3181) for vapours of organic compounds The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Other Protection Measure           | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Control of environmental exposure  | Do not let product enter drains. Risk of explosion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Thermal hazards                    | No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## 9. Physical and chemical properties

|                                              |                                                                    |
|----------------------------------------------|--------------------------------------------------------------------|
| Appearance                                   | NA                                                                 |
| Odour                                        | Aromatic                                                           |
| Odor Threshold                               | NA                                                                 |
| PH                                           | NA                                                                 |
| Melting Point                                | -25,2 °C at 1.013 hPa                                              |
| Boiling Point                                | 144,5 °C at 1.013 hPa                                              |
| Flash Point                                  | 32,0 °C - closed cup                                               |
| Evaporation Rate                             | Not Applicable                                                     |
| Flammability(solid, gas)                     | No data available                                                  |
| Explosive limits                             | No Data Available                                                  |
| Upper/lower flammability or explosive limits | Upper explosion limit: 6,7 %(V)<br>Lower explosion limit: 0,9 %(V) |
| Autoignition temperature                     | 463 °C at 1.013 hPa                                                |

|                           |                                                           |
|---------------------------|-----------------------------------------------------------|
| Decomposition temperature | No data available                                         |
| Vapour pressure           | 13,37 hPa at 32,22 °C                                     |
| Density                   | 0,88 g/cm <sup>3</sup> at 25 °C                           |
| Vapour Density            | No Data Available                                         |
| Specific Gravity          | NA                                                        |
| Partition coefficient     | log Pow: 3,12 at 20 °C - Bioaccumulation is not expected. |
| Explosive properties      | NA                                                        |
| Bulk Density              | NA                                                        |
| Solubility                | NA                                                        |
| Ignition temperature      | No information available.                                 |
| Reactivity                | No data available                                         |
| Additional Information    | NA                                                        |
| Other safety information  | Surface tension 29,8 mN/m at 25,0 °C                      |

## 10. Stability and reactivity

|                                    |                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Reactivity                         | Vapor/air-mixtures are explosive at intense warming.                                                        |
| Stability                          | The product is chemically stable under standard ambient conditions (room temperature)                       |
| Possibility of hazardous reactions | Risk of explosion with: Strong oxidizing agents conc. sulfuric acid Nitric acid uranium hexafluoride sulfur |
| Conditions to avoid                | Heat, flames and sparks.                                                                                    |
| Incompatible materials             | rubber, various plastics                                                                                    |
| Decomposition                      | In the event of fire: see section 5                                                                         |
| Hazardous Polymerization           | No data available                                                                                           |

## 11. Toxicological information

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute toxicity                    | LD50 Oral - Rat - male - 3.523 mg/kg (EC Directive 92/69/EEC B.1 Acute Toxicity (Oral))<br>LC50 Inhalation - Rat - male and female - 4 h - 27,12 mg/l - vapor (US-EPA)<br>Symptoms: Inhalation may lead to the formation of oedemas in the respiratory tract.<br>Symptoms: mucosal irritations, Cough, Shortness of breath, Possible damages:., damage of respiratory tract<br>Dermal: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2) |
| Skin corrosion/irritation         | Skin - Rabbit Result: Moderate skin irritation - 4 h (Regulation (EC) No. 440/2008, Annex, B.4)<br>Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product                                                                                                                                                                                                                                            |
| Serious eye damage/eye irritation | No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Respiratory or skin sensitization | Local lymph node assay (LLNA) - Mouse<br>Result: negative (OECD Test Guideline 429)                                                                                                                                                                                                                                                                                                                                                                                |
| Serious eye damage/eye irritation | No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Rout Of Entry                     | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Toxicity to Animal                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Toxic Effects on Human            | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Germ cell mutagenicity                           | Test Type: Ames test Test system: Salmonella typhimurium Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative Millipore- 8.08697 Page 8 of 11 The life science business of Merck operates as MilliporeSigma in the US and Canada Test Type: Mutagenicity (mammal cell test): chromosome aberration. Test system: Chinese hamster ovary cells Metabolic activation: with and without metabolic activation Method: Mutagenicity (in vitro mammalian cytogenetic test) Result: negative Test Type: sister chromatid exchange assay Test system: Chinese hamster ovary cells Metabolic activation: with and without metabolic activation Method: Regulation (EC) No. 440/2008, Annex, B.19 Result: negative Test Type: Mutagenicity (mammal cell test): micronucleus. Species: Mouse Cell type: Red blood cells (erythrocytes) Application Route: Intraperitoneal Method: OECD Test Guideline 474 Result: negative Remarks: (IUCLID) Test Type: dominant lethal test Species: Mouse Application Route: Subcutaneous Method: OECD Test Guideline 478 Result: negative |
| Reproductive toxicity                            | No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specific target organ toxicity - single exposure | Inhalation - May cause respiratory irritation. - Respiratory system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Special Remarks on other Toxi Effects on Humans: | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Additional Information                           | Endocrine disrupting properties                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Assessment                                       | The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. Repeated dose toxicity - Rat - male and female - Oral - 90 Days - NOAEL (No observed adverse effect level) - 200 mg/kg Millipore- 8.08697 Page 9 of 11 The life science business of Merck operates as MilliporeSigma in the US and Canada narcosis, Lung irritation, chest pain, pulmonary edema, Central nervous system depression, Dermatitis, Gastrointestinal disturbance, Liver injury may occur., Kidney injury may occur.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Endocrine disrupting properties                  | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## 12. Ecological information

|                                                     |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Persistence and degradability                       | No data available                                                                                                                                                                                                                                          |
| Toxicity                                            | NA                                                                                                                                                                                                                                                         |
| Bioaccumulative potential                           | Bioaccumulation Oncorhynchus mykiss (rainbow trout) - 56 d at 10 °C - 1,3 mg/l(o-xylene) Bioconcentration factor (BCF): 7,4 - 18,5                                                                                                                         |
| Toxicity to fish                                    | static test LC50 - Oncorhynchus mykiss (rainbow trout) - 2,60 mg/l- 96 h (OECD Test Guideline 203)                                                                                                                                                         |
| Toxicity to daphnia and other aquatic invertebrates | NA                                                                                                                                                                                                                                                         |
| Toxicity to algae                                   | static test EC50 - Pseudokirchneriella subcapitata - 4,36 mg/l - 73 h (OECD Test Guideline 201)                                                                                                                                                            |
| Eco Toxicity                                        | Not Available                                                                                                                                                                                                                                              |
| COD and BOD 5                                       | Not Available                                                                                                                                                                                                                                              |
| Products Biodegradation:                            | NA                                                                                                                                                                                                                                                         |
| Mobility in soil                                    | No data available                                                                                                                                                                                                                                          |
| Results of PBT and assessment                       | vPvB This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.                                                    |
| Endocrine disrupting properties                     | NA                                                                                                                                                                                                                                                         |
| Assessment                                          | The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher |

Other adverse effects

No data available

## 13. Disposal considerations

|                               |                                                                                                                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal methods</b>       | NA                                                                                                                                                                                      |
| <b>Contaminated packaging</b> | NA                                                                                                                                                                                      |
| <b>Waste treatment</b>        | <b>Method</b>                                                                                                                                                                           |
|                               | See <a href="http://www.retrologistik.com">www.retrologistik.com</a> for processes regarding the return of chemicals and containers, or contact us there if you have further questions. |

## 14. Transport information

|                              |                                             |
|------------------------------|---------------------------------------------|
| UN number                    | ADR/RID 1307 IMDG 1307 IATA 1307            |
| UN proper shipping name      | ADR/RID XYLENES<br>IMDG XYLENES             |
| Transport hazard class(es)   | ADR/RID 3 IMDG 3 IATA 3                     |
| Packaging group              | ADR/RID III IMDG III IATA III               |
| Environmental hazards        | ADR/RID no IMDG Marine pollutant no IATA no |
| Special precautions for user | No data available                           |

## 15. Regulatory information

|                                                                                                |                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety, health and environmental regulations/legislation specific for the substance or mixture | This material safety data sheet complies with the requirements of Regulation (EC) No.1907/2006                                                                            |
| Safety, health and environmental regulations specific for the product in question              | NA                                                                                                                                                                        |
| National legislation                                                                           | Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances: FLAMMABLE LIQUIDS |
| DSCL (EEC)                                                                                     | NA                                                                                                                                                                        |
| Other regulations                                                                              | Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable                                 |
| Chemical Safety Assessment                                                                     | For this product a chemical safety assessment was not carried out                                                                                                         |

## 16. Other information

|                                                               |                                                         |
|---------------------------------------------------------------|---------------------------------------------------------|
| Full text of H-Statements referred to under sections 2 and 3. | H226 Flammable liquid and vapor.                        |
|                                                               | H304 May be fatal if swallowed and enters airways.      |
|                                                               | H312 Harmful in contact with skin.                      |
|                                                               | H312 + H332 Harmful in contact with skin or if inhaled. |
|                                                               | H315 Causes skin irritation.                            |
|                                                               | H319 Causes serious eye irritation.                     |
|                                                               | H332 Harmful if inhaled.                                |
|                                                               | H335 May cause respiratory irritation.                  |
| Relevant changes since previous version                       | H412 Harmful to aquatic life with long lasting effects. |
|                                                               | 2. Hazards identification                               |

Further  
information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.sigma-aldrich.com](http://www.sigma-aldrich.com) and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

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Other  
Information

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