# SAFETY DATA SHEET

**Australian statement of hazardous nature :** Classified as hazardous according to criteria of Safe Work Australia

## Section 1 - Identification

| | |
|---|---|
| **Product Name** | **Ultra Mount** |
| **CAS No** | 509-34-2 |

| | |
|---|---|
| **Product Code** | **FNNII063, FNNII063SDS, FNNII065B, FNNII065C, FNNII063C, FNNII065D, FNNII063D, FNNULTMOU6T, FNNII065F, FNNII063F, FNNULTMOU7T, FNNII063H, FNNII063G** |
| **Address** | ThermoFisher Scientific Australia Pty Ltd<br>5 Caribbean Drive, Scoresby<br>VICTORIA 3179, Australia |
| **Emergency Tel.** | **CHEMTREC®**<br>**03 9757 4559 or +613 9757 4559** |
| **Telephone / Fax Numbers** | Tel: 1300 735 292<br>Fax: 1800 067 639 |
| **E-mail address** | ANZinfo@thermofisher.com |

| | |
|---|---|
| **Recommended Use** | Laboratory chemicals. |
| **Uses advised against** | This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list. This product does not contain any substance(s) subject to Prohibition, Authorization or Restriction. This product does not contain any substance(s) listed on the voluntary National Code of Practice for Chemicals of Security Concern. |

## Section 2 - Hazard(s) Identification

**Classification under Safe Work Australia**

Classified as hazardous according to criteria of Safe Work Australia

| | |
|---|---|
| **Physical hazards** | |
| Flammable liquids | Category 3 |
| **Health hazards** | |
| Acute Dermal Toxicity | Category 4 |
| Skin Corrosion/Irritation | Category 3 |
| Serious Eye Damage/Eye Irritation | Category 2B |
| **Environmental hazards** | |

**Label Elements**

Health Hazard

**Signal Word** **Danger**

**Hazard Statements**
H226 - Flammable liquid and vapor
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H312 + H332 - Harmful in contact with skin or if inhaled

**Precautionary Statements**
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P242 - Use non-sparking tools
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P312 - Call a POISON CENTER or doctor if you feel unwell
P363 - Wash contaminated clothing before reuse
P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish
P403 + P235 - Store in a well-ventilated place. Keep cool
P501 - Dispose of contents/ container to an approved waste disposal plant

**Other information**

Toxicity to Soil Dwelling Organisms
Toxic to terrestrial vertebrates
This product does not contain any known or suspected endocrine disruptors

# Section 3 - Composition and Information on Ingredients

| Component | CAS No | Weight % |
|---|---|---|
| Xylenes (o-, m-, p- isomers) | 1330-20-7 | >60 |
| 2,6-Di-tert-butyl-p-cresol | 128-37-0 | <1 |

# Section 4 - First Aid Measures

**Inhalation** If not breathing, give artificial respiration. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Remove to fresh air. Immediate medical attention is required. Risk of serious damage to the lungs (by aspiration).

**Ingestion** Do NOT induce vomiting. Call a physician or poison control center immediately. If vomiting occurs naturally, have victim lean forward.

| | |
|---|---|
| **Skin Contact** | Wash off immediately with plenty of water for at least 15 minutes. Immediate medical attention is required. |
| **Eye Contact** | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| **General Advice** | Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. |
| **Self-Protection of the First Aider** | Use personal protective equipment as required. |
| **First Aid Facilities** | Eyewash, safety shower and washroom. |
| **Most important symptoms and effects** | Causes burns by all exposure routes. May cause allergic skin reaction. Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting: Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing |
| **Notes to Physician** | Treat symptomatically. |

# Section 5 - Fire Fighting Measures

**Suitable Extinguishing Media**
Water mist may be used to cool closed containers. $CO_2$, dry chemical, dry sand, alcohol-resistant foam.

**Extinguishing media which must not be used for safety reasons**
No information available.

**Hazardous Decomposition Products**
Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide ($CO_2$).

**Specific Hazards Arising from the Chemical**
Thermal decomposition can lead to release of irritating gases and vapors. The product causes burns of eyes, skin and mucous membranes. Flammable. Containers may explode when heated. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Do not allow run-off from fire-fighting to enter drains or water courses.

**Special protective equipment and precautions for fire fighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

# Section 6 - Accidental Release Measures

**Emergency procedures**
Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Remove all sources of ignition. Take precautionary measures against static discharges.

**Environmental Precautions**
Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

**Methods for Containment and Clean Up**

**Clean-up methods - small spillage**
Keep in suitable, closed containers for disposal. Soak up with inert absorbent material. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

**Clean-up methods - large spillage**
Typically only supplied is small quantiites as packaged goods.
If extremely toxic or used in larger quantities ensure a spillage action plan is in place. Evacuate area. Control the source and/or contain the spill if safe and able to do so. Use temporary diking, sand bags, dry sand, earth or proprietary booms/absorbent pads if available. Obtain advice on containment, neutralisation and clean-up from local emergency responders.

**Reference to Other Sections**
Refer to protective measures listed in Sections 8 and 13.

# Section 7 - Handling and Storage

**Precautions for Safe Handling**
Wear personal protective equipment/face protection. Do not get in eyes, on skin, or on clothing. Use only under a chemical fume hood. Do not breathe mist/vapors/spray. Do not ingest. If swallowed then seek immediate medical assistance. Keep away from open flames, hot surfaces and sources of ignition. Use only non-sparking tools. Take precautionary measures against static discharges.

**Conditions for Safe Storage, Including any Incompatibilities**
Keep containers tightly closed in a dry, cool and well-ventilated place. Corrosives area. Keep away from heat, sparks and flame.

AS/NZS 2243.10:2004, Safety in laboratories - Storage of chemicals
AS 1940-2004 - The storage and handling of flammable and combustible liquids

# Section 8 - Exposure Controls and Personal Protection

**Exposure limits**
**AUS** - Exposure Standards for Atmospheric Contaminants in the Occupational Environment - Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:3008(1995)]
Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)] updated in August, 2005. Safe Work Australia
**ACGIH** - Threshold Limit Values - Ceiling (TLV-C) guidelines by the American Conference of Governmental Industrial Hygienists (ACGIH) for controlling worker exposure to airborne chemical concentrations in the workplace.
**UK** - EH40/2005 Work Exposure Limits, Fourth edition. Published 2020.
**DE** - MAK and BAT values of Hazardous Chemical Compounds in the Work Area. Published by German Research Foundation on July 1, 2011
**NZ** - Workplace Exposure Standards and Biological Exposure Indices (6th edition). New Zealand Department of Labor

| Component | Australia | New Zealand WEL | ACGIH TLV | The United Kingdom | Germany |
|---|---|---|---|---|---|
| Xylenes (o-, m-, p-isomers) | STEL: 150 ppm<br>STEL: 655 mg/m³<br>TWA: 80 ppm<br>TWA: 350 mg/m³ | TWA: 50 ppm<br>TWA: 217 mg/m³ | TWA: 20 ppm | STEL: 100 ppm 15 min<br>STEL: 441 mg/m³ 15 min<br>TWA: 50 ppm 8 hr<br>TWA: 220 mg/m³ 8 hr<br>Skin | TWA: 50 ppm (8 Stunden). AGW - exposure factor 2<br>TWA: 220 mg/m³ (8 Stunden). AGW - exposure factor 2<br>TWA: 50 ppm (8 Stunden). MAK all isomers<br>TWA: 220 mg/m³ (8 Stunden). MAK all isomers<br>Höhepunkt: 100 ppm<br>Höhepunkt: 440 mg/m³<br>Haut<br>Haut all isomers |
| 2,6-Di-tert-butyl-p-cresol | TWA: 10 mg/m³ | TWA: 10 mg/m³ | TWA: 2 mg/m³ | STEL: 30 mg/m³ 15 min<br>TWA: 10 mg/m³ 8 hr | TWA: 10 mg/m³ (8 Stunden). AGW - exposure factor 4<br>TWA: 10 mg/m³ (8 Stunden). MAK can occur as vapor and aerosol at the same time<br>Höhepunkt: 40 mg/m³ |

**Biological limit values**

**UK** - Biological Monitoring Guidance Values provided by the UK's Health and Safety Executive (HSE) Control of Substances Hazardous to Health Regulations (COSHH) 2002 (as amended) and EH40/2005.

| Component | Australia | New Zealand | European Union | United Kingdom | Germany |
|---|---|---|---|---|---|
| Xylenes (o-, m-, p-isomers) | | 1.5 g/L (urine) end of shift (Methylhippuric acid) | | Methyl hippuric acid: 650 mmol/mol creatinine urine post shift | Methylhippuric(tolur-)acid (all isomers): 2000 mg/L urine (end of shift all isomers) |

**Exposure Controls**

**Engineering Measures**

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location. Use explosion-proof electrical/ventilating/lighting equipment.

Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

**Personal protective equipment**

**Eye Protection** — Goggles (Australian/New Zealand Standard AS/NZS 1337 - Eye protectors for Industrial applications)

**Hand Protection** — Protective gloves

| Glove material | Breakthrough time | Glove thickness | AUS/NZ Standard | Glove comments |
|---|---|---|---|---|
| Nitrile rubber<br>Neoprene<br>Natural rubber<br>PVC | See manufacturers recommendations | - | AS/NZS 2161 | (minimum requirement) |

Inspect gloves before use.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information)
Ensure gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.
Remove gloves with care avoiding skin contamination.

**Skin and body protection** — Long sleeved clothing

**Repiratory Protection** — Use an AS/NZS 1716 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained in line with AS/NZS 1715 on the use and maintenance of repiratory protective devices

**Recommended Filter type:** Particulates filter conforming to EN 143 (or AUS/NZ equivalent)

**Recommended half mask:-** Particle filtering: EN149:2001 (or AUS/NZ equivalent)
When RPE is used a face piece Fit Test should be conducted

**Hygiene Measures** — Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** — Prevent product from entering drains. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.

# Section 9 - Physical and Chemical Properties

**Information on basic physical and chemical properties**

**Appearance** — Colorless to yellow

**Physical State** — Liquid

**Odor** — No information available

| | | |
|---|---|---|
| **Odor Threshold** | No data available | |
| **pH** | Not applicable | |
| **Melting Point/Range** | No data available | |
| **Softening Point** | No data available | |
| **Boiling Point/Range** | No information available | |
| **Flash Point** | No information available | **Method -** No information available |
| **Evaporation Rate** | Not applicable | Solid |
| **Flammability (solid,gas)** | Not applicable | Liquid |
| **Explosion Limits** | No data available | |
| | | |
| **Vapor Pressure** | No information available | |
| **Vapor Density** | Not applicable | Solid |
| **Specific Gravity / Density** | No data available | |
| **Bulk Density** | Not applicable | Liquid |
| **Water Solubility** | Insoluble | |
| **Solubility in other solvents** | No information available | |

**Partition Coefficient (n-octanol/water)**

| **Component** | **log Pow** |
|---|---|
| Xylenes (o-, m-, p- isomers) | 3.15 |
| 2,6-Di-tert-butyl-p-cresol | 5.1 |

| | | |
|---|---|---|
| **Autoignition Temperature** | No data available | |
| **Decomposition Temperature** | No data available | |
| **Viscosity** | Not applicable | Solid |
| **Explosive Properties** | | explosive air/vapour mixtures possible |
| **Oxidizing Properties** | No information available | |

**Other information**

# Section 10 - Stability and Reactivity

**Reactivity** None known, based on information available

**Stability** Stable under recommended storage conditions.

**Conditions to Avoid** Incompatible products, Excess heat, Keep away from open flames, hot surfaces and sources of ignition.

**Incompatible Materials** Strong oxidizing agents.

**Hazardous Decomposition Products** Nitrogen oxides (NOx). Carbon monoxide (CO). Carbon dioxide ($CO_2$).

**Hazardous Polymerization** Hazardous polymerization does not occur.

# Section 11 - Toxicological Information

**Information on Toxicological Effects**

**Product Information**

**(a) acute toxicity;**

| | |
|---|---|
| **Oral** | Category 4 |
| **Dermal** | Category 4 |
| **Inhalation** | Category 3 |

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|---|---|---|
| Xylenes (o-, m-, p- isomers) | LD50 = 3500 mg/kg ( Rat ) | LD50 > 4350 mg/kg ( Rabbit ) | 29.08 mg/L [MOE Risk Assessment Vol.1, 2002] |
| 2,6-Di-tert-butyl-p-cresol | > 6 g/kg ( Rat ) | > 2 g/kg ( Rat ) | |

**(b) skin corrosion/irritation;** Category 1 B

**(c) serious eye damage/irritation;** Category 1

**(d) respiratory or skin sensitization;**

**Respiratory** No data available

**Skin** Category 1

**Sensitization** No information available

**(e) germ cell mutagenicity;** Category 2

**(f) carcinogenicity;** Category 2

The table below indicates whether each agency has listed any ingredient as a carcinogen

**(g) reproductive toxicity;** No data available

**(h) STOT-single exposure;** Category 3

**Results / Target organs** Respiratory system

**(i) STOT-repeated exposure;** Category 2

**Target Organs** No information available.

**(j) aspiration hazard;** Category 1

**Other Adverse Effects** The toxicological properties have not been fully investigated.

**Symptoms / effects,both acute and delayed** Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting: Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing

# Section 12 - Ecological Information

**Ecotoxicity effects** The product contains following substances which are hazardous for the environment. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

| Component | Freshwater Fish | Water Flea | Freshwater Algae | Microtox |
|---|---|---|---|---|
| Xylenes (o-, m-, p- isomers) | LC50: 30.26 - 40.75 mg/L, 96h static (Poecilia reticulata)<br>LC50: = 780 mg/L, 96h semi-static (Cyprinus carpio)<br>LC50: 23.53 - 29.97 mg/L, 96h static (Pimephales promelas)<br>LC50: > 780 mg/L, 96h (Cyprinus carpio)<br>LC50: 7.711 - 9.591 mg/L, 96h static (Lepomis macrochirus)<br>LC50: = 19 mg/L, 96h (Lepomis macrochirus)<br>LC50: 13.1 - 16.5 mg/L, 96h flow-through | LC50: = 0.6 mg/L, 48h (Gammarus lacustris)<br>EC50: = 3.82 mg/L, 48h (water flea) | | EC50 = 0.0084 mg/L 24 h |

| | | | | |
|---|---|---|---|---|
| | (Lepomis macrochirus) LC50: 13.5 - 17.3 mg/L, 96h (Oncorhynchus mykiss) LC50: 2.661 - 4.093 mg/L, 96h static (Oncorhynchus mykiss) LC50: = 13.4 mg/L, 96h flow-through (Pimephales promelas) | | | |
| 2,6-Di-tert-butyl-p-cresol | LC50 = 0.199 mg/L 96h | EC50 >0.31 mg/L 48h | EC50 = 0.758 mg/L 96h EC50 = 6 mg/L 72 h | EC50 = 7.82 mg/L 5 min EC50 = 8.57 mg/L 15 min EC50 = 8.98 mg/L 30 min |

**Persistence and Degradability**

**Persistence** Insoluble in water.

**Degradation in sewage treatment plant** Contains substances known to be hazardous to the environment or not degradable in waste water treatment plants.

**Bioaccumulative Potential** May have some potential to bioaccumulate

| Component | log Pow | Bioconcentration factor (BCF) |
|---|---|---|
| Xylenes (o-, m-, p- isomers) | 3.15 | 0.6 - 15 dimensionless |
| 2,6-Di-tert-butyl-p-cresol | 5.1 | 230 - 2500 dimensionless |

**Mobility** Spillage unlikely to penetrate soil. Is not likely mobile in the environment due its low water solubility

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors

**Persistent Organic Pollutant** This product does not contain any known or suspected substance

**Ozone Depletion Potential** This product does not contain any known or suspected substance

# Section 13 - Disposal Considerations

**Waste from Residues/Unused Products** Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with all federal, E.P.A., state and local regulations. Assure conformity with all applicable regulations.

**Contaminated Packaging** Dispose of this container to hazardous or special waste collection point. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep product and empty container away from heat and sources of ignition.

**Other Information** Chemical wastes should be disposed through a licensed commercial waste collection service. Do not flush to sewer. Waste codes should be assigned by the user based on the application for which the product was used. Can be landfilled or incinerated, when in compliance with local regulations. Do not empty into drains. Large amounts will affect pH and harm aquatic organisms. Do not let this chemical enter the environment.

# Section 14 - Transport Information

**IMDG/IMO**

**UN-No** UN1307

**Proper Shipping Name** XYLENES

**Technical Shipping Name** XYLENE

**Hazard Class** 3

**Packing Group** III

**ADG**

**UN-No** UN1307

**Proper Shipping Name** XYLENES

| | |
|---|---|
| **Technical Shipping Name** | XYLENE |
| **Hazard Class** | 3 |
| **Packing Group** | III |

| Component | Hazchem Code |
|---|---|
| Xylenes (o-, m-, p- isomers)<br>1330-20-7 ( >60 ) | 3Y<br>3YE |

**IATA**

| | |
|---|---|
| **UN-No** | UN1307 |
| **Proper Shipping Name** | XYLENES |
| **Technical Shipping Name** | XYLENE |
| **Hazard Class** | 3 |
| **Packing Group** | III |

**Environmental hazards** Dangerous for the environment
Product is a marine pollutant according to the criteria set by IMDG/IMO

**Special Precautions** No special precautions required

**Additional information** None known

# Section 15 - Regulatory Information

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

**National Regulations** **Australia**

See section 8 for national exposure control parameters.

**Standard for the Uniform Scheduling of Medicines and Poisons**
Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons.

| Component | Standard for the Uniform Scheduling of Medicines and Poisons |
|---|---|
| Xylenes (o-, m-, p- isomers) - 1330-20-7 | Schedule 5 listed - including Kerosene, Diesel [distillate], Mineral turpentine, White petroleum spirit, Toluene, Xylene and light mineral and paraffin oils but except their derivative;except a) Toluene and Xylene when included in Schedule 6, or b) Benzene and liquid aromatic hydrocarbons when included in Schedule 7, or c) food grade and pharmaceutical grade White mineral oil, or d) in solid or semi-solid preparations, or e) in preparations containing <=25% of designated solvents, or f) in preparations packed in pressurized spray packs, or g) in adhesives packed in containers each containing <=50 grams of adhesive, or h) in writing correction fluids and thinners for writing correction fluids packed in containers having a capacity of <=20 mL, or i) in other preparations when packed in containers with a capacity of <=2 mL<br>Schedule 6 listed - except its derivatives;except in preparations containing <=50% of Xylene or Xylene and Toluene |

**Australian Industrial Chemicals Introduction Scheme (AICIS)**

| Component | Australian Industrial Chemicals Introduction Scheme (AICIS) | Additional information |
|---|---|---|
| Xylenes (o-, m-, p- isomers) - 1330-20-7 | Present | - |
| 2,6-Di-tert-butyl-p-cresol - 128-37-0 | Present | - |

**Australian - Illicit Drug Precursors/Reagents Substance List**
This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

**Chemicals of Security Concern**
This product does not contain any substance(s) listed on the voluntary National Code of Practice for Chemicals of Security

Concern

**National pollutant inventory** Subject to reporting requirements

| Component | National pollutant inventory |
|---|---|
| Xylenes (o-, m-, p- isomers) - 1330-20-7 | 10 tonne/yr. Threshold category 1 including individual or mixed isomers |

**Prohibition or notification/licensing requirements**
Shown below are details of specific prohibition/notifications or licencing requirements when they apply.

This product does not contain any substance(s) subject to Prohibition, Authorization or Restriction.

**International Inventories**

| Component | AICS | NZIoC | EINECS | ELINCS | TSCA | DSL | NDSL | PICCS | ENCS | ISHL | IECSC | KECL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Xylenes (o-, m-, p-isomers) | X | X | 215-535-7 | - | X | X | - | X | X | X | X | KE-35427 |
| 2,6-Di-tert-butyl-p-cresol | X | X | 204-881-4 | - | X | X | - | X | X | X | X | KE-03079 |

**Legend:** X - Listed. '-' - Not Listed. **KECL** - NIER number or KE number (http://ncis.nier.go.kr/en/main.do)

**International Regulations**

**Ozone Depletion Potential** This product does not contain any known or suspected substance

**Persistent Organic Pollutant** This product does not contain any known or suspected substance

**Rotterdam Convention (PIC)** Not applicable

**Basel convention on the control of transboundary movements of hazardous wastes and their dispoal**
Take note that wastes may be subject to export, import, or transit controls pursuant to the Basel convention and/or local regulations implementing the Basel convention.

| Component | Basel Convention (Hazardous Waste) | Australian Hazardous Waste Act - Categories of Wastes to Be Controlled |
|---|---|---|
| Xylenes (o-, m-, p- isomers) - 1330-20-7 | Annex I - Y42 | Y42 except Halogenated solvents |

| Component | CAS No | OECD HPV | Restriction of Hazardous Substances (RoHS) | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements |
|---|---|---|---|---|---|
| Xylenes (o-, m-, p- isomers) | 1330-20-7 | Listed | Not applicable | Not applicable | Not applicable |
| 2,6-Di-tert-butyl-p-cresol | 128-37-0 | Listed | Not applicable | Not applicable | Not applicable |

**Authorisation/Restrictions according to EU REACH**

| Component | REACH (1907/2006) - Annex XIV - Substances Subject to Authorization | REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances | REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC) |
|---|---|---|---|
| Xylenes (o-, m-, p- isomers) | - | Use restricted. See entry 75. (see link for restriction details) | - |

*https://echa.europa.eu/substances-restricted-under-reach*

# Section 16 - Other Information

**Legend**

**AICS** - Australian Inventory of Chemical Substances
**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
**IECSC** - Chinese Inventory of Existing Chemical Substances
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances
**TWA** - Time Weighted Average
**IARC** - International Agency for Research on Cancer
**ICAO/IATA** - International Civil Aviation Organization/International Air Transport Association
**MARPOL** - International Convention for the Prevention of Pollution from Ships
**NZS 5433:2020** - Transport of Dangerous Goods on Land
**LD50** - Lethal Dose 50%
**EC50** - Effective Concentration 50%
**WEL** - Workplace Exposure Limit
**DNEL** - Derived No Effect Level
**POW** - Partition coefficient Octanol:Water
**vPvB** - very Persistent, very Bioaccumulative
**VOC** - (Volatile Organic Compound)

**NZIoC** - New Zealand Inventory of Chemicals
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
**ENCS** - Japanese Existing and New Chemical Substances
**KECL** - Korean Existing and Evaluated Chemical Substances
**CAS** - Chemical Abstracts Service
**ACGIH** - American Conference of Governmental Industrial Hygienists Predicted No Effect Concentration (PNEC)
**IMO/IMDG** - International Maritime Organization/International Maritime Dangerous Goods Code
**OECD** - Organisation for Economic Co-operation and Development
**LC50** - Lethal Concentration 50%
**ATE** - Acute Toxicity Estimate
**RPE** - Respiratory Protective Equipment
**NOEC** - No Observed Effect Concentration
**BCF** - Bioconcentration factor
**PBT** - Persistent, Bioaccumulative, Toxic

**Key literature references and sources for data**
https://echa.europa.eu/information-on-chemicals
Suppliers safety data sheet, Chemadvisor - LOLI, Merck index, RTECS

**Training Advice**
Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.
Use of personal protective equipment, covering appropriate selection, compatibility, breakthrough thresholds, care, maintenance, fit and standards.
First aid for chemical exposure, including the use of eye wash and safety showers.
Chemical incident response training.

| | |
|---|---|
| **Revision Date** | 12-Mar-2025 |
| **Revision Summary** | Update to GHS format. |

**This Safety Data Sheet (SDS) is prepared in accordance to and complies with the requirements of Safe Work Australia - Work Health and Safety Regulations (WHS Regulations).**

**Disclaimer**

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# End of Safety Data Sheet