



SAFETY DATA SHEET TAMPUR CLEANER

According to the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practise, 2021.

SECTION 1: Identification: Product identifier and chemical identity

Product identifier

Product name TAMPUR CLEANER

Product No. - 61

Relevant identified uses of the substance or mixture and uses advised against

Application Polyurethane Cleaner

Details of the supplier of the safety data sheet

Supplier Normet Asia-Pacific Pty Ltd
10 Ashwin Parade
Torrensville,
SA 5031
Australia
+61 (0)8 8152 7700
+61 (0)8 8152 0667
SDS@NORMET.COM

Emergency telephone number

Emergency telephone 1-800-557346 (24 HOURS)

National emergency telephone number Poisons Information Centre: 13 1126 in Australia
Poisons Information Centre: 0800 764 766 in New Zealand

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Eye Irrit. 2A - H319

Environmental hazards Not Classified

Label elements

Hazard pictograms



Signal word WARNING

Hazard statements H319 Causes serious eye irritation.

Precautionary statements P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/ attention.

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Other hazards

HSNO Classification

SECTION 3: Composition and information on ingredients

Mixtures

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| PROPYLENE CARBONATE | 60-100% |
| CAS number: 108-32-7 | |
| Classification | |
| Eye Irrit. 2A - H319 | |

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

Description of first aid measures

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| General information | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention. Treat symptomatically. |
| Inhalation | IF INHALED: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Do not induce vomiting. |
| Ingestion | IF SWALLOWED: Get medical attention immediately. If throat irritation or coughing persists, proceed as follows. Rinse mouth thoroughly with water. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Stop if the affected person feels sick as vomiting may be dangerous. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. |
| Skin Contact | IF ON SKIN (or hair): Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists after washing. Remove contaminated clothing. |
| Eye contact | IF IN EYES: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. |
| Protection of first aiders | First aid personnel should wear appropriate protective equipment during any rescue. |

Most important symptoms and effects, both acute and delayed

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| General information | Treat symptomatically. |
| Inhalation | May cause irritation. |
| Ingestion | May cause irritation. |
| Skin contact | May cause irritation. |
| Eye contact | Causes serious eye irritation. |

Indication of any immediate medical attention and special treatment needed

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| Notes for the doctor | Treat symptomatically. |
| Specific treatments | Treat symptomatically. |

SECTION 5: Firefighting measures

Extinguishing media

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| Suitable extinguishing media | Use fire-extinguishing media suitable for the surrounding fire. Extinguish with alcohol-resistant foam, carbon dioxide or dry powder. |
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Special hazards arising from the substance or mixture

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| Specific hazards | Formation of toxic gases is possible during heating or in case of fire. |
| Hazardous combustion products | In case of fire, the following can be released: Carbon monoxide (CO). Carbon dioxide (CO ₂). |
| <u>Advice for firefighters</u> | |
| Protective actions during firefighting | No action shall be taken without appropriate training or involving any personal risk. Stop leak if safe to do so. If leakage cannot be stopped, evacuate area. Move containers from fire area if it can be done without risk. |
| Special protective equipment for firefighters | Do not inhale explosion gases or combustion gases. Wear chemical protective suit. Use air-supplied respirator, gloves and protective goggles. |

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

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| Personal precautions | No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Follow precautions for safe handling described in this safety data sheet. |
| For non-emergency personnel | No action shall be taken involving any personal risk or without suitable training. Evaluate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |

Environmental precautions

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| Environmental precautions | Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. |
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Methods and material for containment and cleaning up

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| Methods for cleaning up | If leakage cannot be stopped, evacuate area. Move containers from spillage area. Large Spillages: Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely. Small Spillages: Absorb small quantities with paper towels and evaporate in a safe place. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. |
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Reference to other sections

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| Reference to other sections | For personal protection, see Section 8. For waste disposal, see Section 13. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. |
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SECTION 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

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| Usage precautions | For professional users only. Do not handle until all safety precautions have been read and understood. Use only in well-ventilated areas. Protect from moisture. Keep container dry. Container must be kept tightly closed when not in use. Do not eat, drink or smoke when using this product. In use may form flammable/explosive vapour-air mixture. Use solvent-proof equipment. |
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Advice on general occupational hygiene

Do not eat, drink or smoke when using this product. Provide eyewash station. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

Conditions for safe storage, including any incompatibilities

Storage precautions

Store at temperatures between: 10°C and 35°C . Store in tightly-closed, original container in a dry, cool and well-ventilated place. Do not store near heat sources or expose to high temperatures. Store away from the following materials: Acids, Alkalis. Avoid contact with oxidising agents. Keep away from food, drink and animal feeding stuffs.

Storage class

Lagerklasse (VCI): 10 - flammable liquid (German Law)

Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.

SECTION 8: Exposure controls and personal protection

Exposure controls

Protective equipment



Eye/face protection

Use safety glasses with side shields that are consistent with EN 166, or local equivalent, are recommended.

Hand protection

To protect hands from chemicals, gloves should comply with Australia/New Zealand Standard AS/NZS 2161. It is recommended that gloves are made of the following material: Butyl rubber. Recommended thickness of the material: greater than or equal to 0.5 mm

Other skin and body protection

Wear appropriate clothing to prevent skin contamination.

Hygiene measures

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes. Ensure that washing facilities are available at the work place. Provide eye bath.

Respiratory protection

Use suitable respiratory protective device in case of insufficient ventilation.

Environmental exposure controls

Keep container tightly sealed when not in use. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

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| Appearance | Liquid. |
| Colour | Colourless. |
| Odour | Fruity. |
| Odour threshold | Not determined. |
| pH | (200g/l) at 20°C: 7 |
| Melting point | -54 / -49°C |
| Initial boiling point and range | 242°C |
| Flash point | 135°C |

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| Evaporation rate | Not determined. |
| Evaporation factor | Not determined. |
| Flammability (solid, gas) | Not determined. |
| Flammability Limit - Lower(%) | Not determined. |
| Other flammability | Not determined. |
| Vapour pressure | 0.04 hPa @ 20°C |
| Vapour density | Not determined. |
| Relative density | 1.205 g/cm ³ |
| Bulk density | Not applicable. |
| Solubility(ies) | Miscible with water. 240g/l |
| Partition coefficient | (n-octanol/water): -0.41 log POW |
| Auto-ignition temperature | 435°C |
| Decomposition Temperature | Not determined. |
| Viscosity | 2.8 mPas @ 20°C |
| Explosive properties | Not considered to be explosive. |
| Explosive under the influence of a flame | Not considered to be explosive. |
| Oxidising properties | Not applicable. |

SECTION 10: Stability and reactivity

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| Reactivity | See Section 10 (Possibility of hazardous reactions) for further information. |
| Stability | Stable at normal ambient temperatures and when used as recommended. |
| Possibility of hazardous reactions | Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised. The following materials may react with the product: Acids. Alkalis. Oxidising agents. Reducing agents. |
| Conditions to avoid | Avoid exposure to high temperatures or direct sunlight. |
| Materials to avoid | Avoid contact with water. Avoid contact with acids and alkalis. Oxidising agents. Reducing agents. |
| Hazardous decomposition products | Does not decompose when used and stored as recommended. To avoid thermal decomposition do not overheat. Decomposition - above 240°C In case of fire, the following can be released: Carbon monoxide (CO). Carbon dioxide (CO ₂). |

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ >5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rabbit

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Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation Not known.

Skin sensitisation

Skin sensitisation Not known.

Germ cell mutagenicity

Genotoxicity - in vitro Not available.

Genotoxicity - in vivo Not available.

Carcinogenicity

Carcinogenicity Not available.

Reproductive toxicity

Reproductive toxicity - fertility Not available.

Specific target organ toxicity - single exposure

STOT - single exposure Not available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not available.

Aspiration hazard

Aspiration hazard Not available.

Inhalation May cause irritation.

Ingestion May cause irritation.

Skin Contact May cause irritation.

Eye contact Causes serious eye irritation.

SECTION 12: Ecological information

Ecotoxicity

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Acute aquatic toxicity

Acute toxicity - fish EC₅₀, 96 hours: 5300 mg/l, *Leuciscus idus* (Golden orfe), (DIN 38412 Part 15)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: > 1000 mg/l, *Daphnia magna*, (Directive 92/69/EEC)

Acute toxicity - aquatic plants EC₅₀, 72 hours: > 900 mg/l, *Scenedesmus subspicatus*, (Directive 92/69/EEC)

Acute toxicity - microorganisms EC₅₀, 17 hours: > 10000 mg/l, *Pseudomas putita* (17h DIN 38412)

Persistence and degradability

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Persistence and degradability Other information:
 94% / 29 d (OECD 301E)
 97% / 4 d (OECD 302 B) Easily biodegradable

Bioaccumulative potential

Partition coefficient (n-octanol/water): -0.41 log POW

Mobility in soil

Mobility Due to the distribution coefficient n-octanol/water an accumulation in organisms is not expected.

SECTION 13: Disposal considerations

Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Waste should be treated as controlled waste.

Disposal methods Dispose of contents/container in accordance with national regulations. Waste should be treated as controlled waste.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADG).

UN number

Not applicable.

UN proper shipping name

Not applicable.

Transport hazard class(es)

No transport warning sign required.

Packing group

Not applicable.

Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

Special precautions for user

Not applicable.

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

Guidance Workplace Exposure Limits EH40.

Inventories

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EU - EINECS/ELINCS

All the ingredients are listed or exempt.

SECTION 16: Any other relevant information

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| General information | Adequate training is recommended in the safe use and handling of isocyanates before industrial or professional use |
| Revision comments | NOTE: Lines within the margin indicate significant changes from the previous revision. |
| Revision date | 17/03/2022 |
| Revision | 3 |
| Supersedes date | 22/03/2017 |
| SDS No. | 5430 |
| Hazard statements in full | H319 Causes serious eye irritation. |

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