# CHROMICOAT T3B (20 L)

| Version | Revision Date: | SDS Number: | Date of last issue: 11.10.2025 |
|---|---|---|---|
| 3.1 | 17.10.2025 | 000000000050628482 | Date of first issue: 07.03.2025 |

## Section 1: Identification

Product name : CHROMICOAT T3B (20 L)

Product code : 000000000050628482

**Manufacturer or supplier's details**

BASF Coatings and Chemetall New Zealand Limited
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**Emergency contact**

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Emergency telephone : National Poisons Centre: 0800 764 766
BASF Emergency Advice Number: 0800 944 955 (24 hour advice in an emergency only)
BASF Emergency Advice Number: +61 3 8855 6666 (If calling from outside New Zealand)

**Recommended use of the chemical and restrictions on use**

Recommended use : Treatment of metal surfaces.

Restrictions on use : Uses other than recommended

## Section 2: Hazard identification

**GHS Classification**

Oxidizing liquids : Category 3

Corrosive to Metals : Category 1

Acute toxicity (Oral) : Category 3

| | | |
|---|---|---|
| Acute toxicity (Inhalation) | : | Category 2 |
| Acute toxicity (Dermal) | : | Category 2 |
| Skin corrosion/irritation | : | Category 1A |
| Serious eye damage/eye irritation | : | Category 1 |
| Respiratory sensitization | : | Category 1 |
| Skin sensitization | : | Category 1 |
| Germ cell mutagenicity | : | Category 1 |
| Carcinogenicity (Inhalation) | : | Category 1 |
| Reproductive toxicity | : | Category 2 |
| Specific target organ toxicity - single exposure | : | Category 3 (Respiratory system) |
| Specific target organ toxicity - repeated exposure | : | Category 1 (Respiratory system) |
| Hazardous to the aquatic environment - chronic hazard | : | Category 2 |

**GHS label elements**

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H272 May intensify fire; oxidizer.

H290 May be corrosive to metals.
H301 Toxic if swallowed.
H310 + H330 Fatal in contact with skin or if inhaled.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H340 May cause genetic defects.
H350 May cause cancer by inhalation.
H361 Suspected of damaging fertility or the unborn child.
H372 Causes damage to organs (Respiratory system) through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220 Keep away from clothing and other combustible materials.
P234 Keep only in original packaging.
P260 Do not breathe mist or vapors.
P262 Do not get in eyes, on skin, or on clothing.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.
P284 Wear respiratory protection.
**Response:**
P301 + P310 + P330 IF SWALLOWED: Immediately call a

POISON CENTER/ doctor. Rinse mouth.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.
P361 + P364 Take off immediately all contaminated clothing and wash it before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P390 Absorb spillage to prevent material damage.
P391 Collect spillage.

**Storage:**
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P406 Store in a corrosion resistant container with a resistant inner liner.

**Disposal:**
P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards which do not result in classification**
If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

## Section 3: Composition/information on ingredients

Chemical nature : inorganic compounds
Water
inorganic acids

**Components**

| Chemical name | Common Name/Synonyms | CAS-No. | Classification | Concentration (% w/w) |
|---|---|---|---|---|
| chromium (VI) trioxide | chromium trioxide | 1333-82-0 | Oxidizing solids, Category 1<br>Acute toxicity (Oral), Category 3<br>Acute toxicity (Inhalation), Category 2<br>Acute toxicity (Dermal), Category 2<br>Skin corrosion/irritation, Category 1A<br>Serious eye damage/eye irritation, Category 1<br>Respiratory sensitization, Category 1<br>Skin sensitization, Category 1<br>Germ cell mutagenicity, Category 1<br>Carcinogenicity (Inhalation), Category 1<br>Reproductive toxicity, Category 2 | >= 10 -< 20 |

| | | | | |
|---|---|---|---|---|
| | | | Specific target organ toxicity - single exposure (Respiratory system), Category 3<br>Specific target organ toxicity - repeated exposure (Respiratory system), Category 1<br>Hazardous to the aquatic environment - acute hazard, Category 1<br>Hazardous to the aquatic environment - chronic hazard, Category 1 | |
| nitric acid | nitric acid (…% [C ≤ 70 %]) | 7697-37-2 | Oxidizing liquids, Category 3<br>Corrosive to Metals, Category 1<br>Acute toxicity (Inhalation), Category 3<br>Skin corrosion/irritation, Category 1A<br>Serious eye damage/eye irritation, Category 1 | >= 5 -< 10 |
| Hydrofluoric acid | hydrogen fluoride (Solution) | 7664-39-3 | Acute toxicity (Oral), Category 2<br>Acute toxicity (Inhalation), Category 2<br>Acute toxicity | >= 5 -< 7 |

| | | | | |
|---|---|---|---|---|
| | | | (Dermal), Category 1<br>Skin corrosion/irritation, Category 1A<br>Serious eye damage/eye irritation, Category 1 | |

**Section 4: First-aid measures**

General advice : Never give anything by mouth to an unconscious person.
Move out of dangerous area.
Immediately remove contaminated clothing.
First aid personnel should pay attention to their own safety.
In case of intoxication, call a poison control center or physician for treatment advice, taking the packaging or the label of the product.
Symptoms of poisoning may occur even after several hours, continue medical observation for at least 48 hours after the accident.
Keep patient warm and at rest.

If inhaled : If breathed in, move person into fresh air.

If breathing is irregular or stopped, administer artificial respiration.

Call a physician or poison control center immediately.

In case of skin contact : Call a physician immediately.

First treatment with calcium gluconate paste.

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing

| | | |
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| | | and shoes. |
| In case of eye contact | : | Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.<br><br>Call a physician immediately.<br><br>If easy to do, remove contact lens, if worn. |
| If swallowed | : | Immediately rinse mouth and then drink milk or a magnesium hydroxide/calcium carbonate suspension, do not induce vomiting, seek medical attention.<br><br>Keep at rest.<br><br>If swallowed, call a poison control center or doctor immediately. |
| Most important symptoms and effects, both acute and delayed | : | Toxic if swallowed.<br><br>Fatal in contact with skin or if inhaled.<br><br>May cause an allergic skin reaction.<br><br>Causes serious eye damage.<br><br>May cause allergy or asthma symptoms or breathing difficulties if inhaled.<br><br>May cause respiratory irritation.<br><br>May cause genetic defects.<br><br>May cause cancer by inhalation.<br><br>Suspected of damaging fertility or the unborn child.<br><br>Causes damage to organs through prolonged or repeated exposure.<br><br>Causes severe burns. |

Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

Symptoms of poisoning may not appear for several hours. Keep under medical supervision for at least 48 hours.

May cause severe burns of the mouth and throat if orally ingested, as well as a danger of perforation of the oesophagus and the stomach.

Notes to physician : Administration of calcium gluconate.
Treat symptomatically.

## Section 5: Fire-fighting measures

Suitable extinguishing media : Water spray jet

Dry powder

Alcohol-resistant foam

Carbon dioxide ($CO_2$)

Unsuitable extinguishing media : High volume water jet

| | | |
|---|---|---|
| Specific hazards during fire fighting | : | May cause fire or explosion; strong oxidizer.<br>Hazardous decomposition products formed under fire conditions. |
| Hazardous combustion products | : | Chromium compounds<br>Nitrogen oxides (NOx)<br>Fluorine compounds |

**Advice for firefighters**

| | | |
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| Specific extinguishing methods | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.<br>Cool containers/tanks with water spray. |
| Special protective equipment for fire-fighters | : | Appropriate breathing apparatus may be required. |
| Hazchem Code | : | 2X |

## Section 6: Accidental release measures

| | | |
|---|---|---|
| Personal precautions, protective equipment and | : | Avoid breathing vapours. |

| | | |
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| emergency procedures | | For non-emergency personnel:<br>Use personal protective equipment.<br>Ensure adequate ventilation, especially in confined areas.<br>Keep away from sources of ignition.<br>For emergency responders:<br>Advice on product handling can be found in sections 7 and 8 of this safety data sheet. |
| Environmental precautions | : | Do not allow uncontrolled discharge of product into the environment.<br>If the product contaminates rivers and lakes or drains inform respective authorities.<br>Avoid subsoil penetration. |
| Methods and materials for containment and cleaning up | : | Ensure adequate ventilation.<br>Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). |

## Section 7: Handling and storage

| | | |
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| Advice on protection against fire and explosion | : | Avoid all sources of ignition: heat, sparks, open flame.<br>The relevant fire protection measures should be noted.<br>The product itself does not burn, but it is oxidising. |

| | | |
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| Advice on safe handling | : | Provide good ventilation of working area (local exhaust ventilation if necessary).<br><br>Do not return residues to the storage containers.<br><br>Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws.<br><br>The workplace should be equipped with an emergency shower and eye-rinsing facility.<br><br>Avoid contact with the skin, eyes and clothing.<br><br>Handle in accordance with good industrial hygiene and safety practice.<br><br>Do not breathe vapors or spray mist. |
| Hygiene measures | : | Remove contaminated clothing immediately and dispose of safely.<br><br>Wash hands before breaks and at the end of workday.<br><br>Keep away from food, drink and animal feedingstuffs. |
| Further information on storage conditions | : | Avoid direct sunlight.<br><br>Store only in corrosion proof containers.<br><br>Close containers carefully once opened and store them upright in order to prevent any leakage. No smoking. No admission for unauthorised personnel.<br><br>Always keep in containers of same material as the original one.<br><br>Observe label precautions.<br><br>avoid contact with metals |

Keep in a dry, cool and well-ventilated place.

Materials to avoid : Segregate from alkalies and alkalizing substances.

glass

Bases

Metals

Reducing agents

Flammable materials

Organic materials

Packaging material : Suitable material: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethylenetherephtalate (PET), Polypropylene, rubberized

## Section 8: Exposure controls/personal protection

### Ingredients with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|---|---|---|---|
| chromium (VI) trioxide | 1333-82-0 | WES-TWA | 0.00002 mg/m3<br>(chromium) | NZ OEL |
| | Further information: Skin sensitizer, Respiratory sensitizer, Known or presumed human carcinogen, Exposure can also be estimated by biological monitoring, Skin absorption | | | |
| | | WES-STEL | 0.0005 mg/m3 | NZ OEL |

| | | | | |
|---|---|---|---|---|
| | | | (chromium) | |
| | Further information: Skin sensitizer, Respiratory sensitizer, Known or presumed human carcinogen, Exposure can also be estimated by biological monitoring, Skin absorption | | | |
| | | TWA (Inhalable particulate matter) | 0.0002 mg/m3<br>(Cr(VI): Hexavalent chromium) | ACGIH |
| | | STEL (Inhalable particulate matter) | 0.0005 mg/m3<br>(Cr(VI): Hexavalent chromium) | ACGIH |
| nitric acid | 7697-37-2 | WES-STEL | 4 ppm<br>10 mg/m3 | NZ OEL |
| | | WES-TWA | 2 ppm<br>5.2 mg/m3 | NZ OEL |
| | | TWA | 2 ppm | ACGIH |
| | | STEL | 4 ppm | ACGIH |
| Hydrofluoric acid | 7664-39-3 | WES-Ceiling | 3 ppm<br>2.6 mg/m3<br>(Fluorine) | NZ OEL |
| | | TWA | 0.5 ppm<br>(Fluorine) | ACGIH |
| | | C | 2 ppm | ACGIH |

| | | | | |
|---|---|---|---|---|
| | | | (Fluorine) | |

**Biological occupational exposure limits**

| Components | CAS-No. | Control parameters | Biological specimen | Sampling time | Permissible concentration | Basis |
|---|---|---|---|---|---|---|
| chromium (VI) trioxide | 1333-82-0 | chromium (chromium) | Urine | End of 8-hour exposure | 10 µg/l | NZ BEI |
| | | chromium (chromium) | Urine | End of shift at end of workweek | 25 µg/l | NZ BEI |
| Hydrofluoric acid | 7664-39-3 | Fluoride (Fluorine) | Urine | Prior to shift (16 hours after exposure ceases) | 2 mg/l | ACGIH BEI |
| | | Fluoride (Fluorine) | Urine | End of shift (As soon as possible after exposure ceases) | 3 mg/l | ACGIH BEI |

**Engineering measures** : Ensure adequate ventilation.

**Personal protective equipment**

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

| | | |
|---|---|---|
| Filter type | : | Inorganic gas/vapor type |
| Hand protection | | |
| Remarks | : | The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. fluoroelastomer (FKM) - 0.7 mm coating thickness butyl rubber gloves - material thickness: 0.5 mm Performance level 6, corresponding to a breakthrough time of >480 min according to EN ISO 374-1 The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties). Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Preventive skin protection |
| Eye protection | : | Tightly fitting safety goggles (splash goggles) (e.g. EN 166) |
| Skin and body protection | : | Chemical resistant protective clothing according to DIN EN 13034 (Type 6) |
| Protective measures | : | Do not breathe vapour/spray.<br><br>Eye wash fountains and safety showers must be easily accessible.<br><br>Persons with a history of allergies, asthma, recurrent or chronic respiratory disease must not be employed in any process in which this product is used. Persons using this product should undergo lung function tests at regular intervals.<br><br>Avoid contact with the skin, eyes and clothing.<br><br>Handle in accordance with good industrial hygiene and safety |

practice.

## Section 9: Physical and chemical properties

| | | |
|---|---|---|
| Appearance | : | liquid |
| Color | : | red |
| Odor | : | No data available |
| Odor Threshold | : | not determined |
| pH | : | 1.0 (20 °C) |
| Melting point/ range | : | not determined |
| Boiling point/boiling range | : | > 100 °C<br>Method: calculated |
| Flash point | : | > 99 °C |
| Evaporation rate | : | not determined |
| Flammability | : | Does not sustain combustion. |
| Upper explosion limit / Upper flammability limit | : | not determined |

| | | |
|---|---|---|
| Lower explosion limit / Lower flammability limit | : | not determined |
| Vapor pressure | : | not determined (20 °C)<br>not determined (50 °C) |
| Relative vapor density | : | Lighter than air. |
| Density | : | 1.14 g/cm3 (20 °C) |
| Solubility(ies)<br>Water solubility | : | not determined |
| Partition coefficient: n-octanol/water | : | not applicable for mixtures |
| Autoignition temperature | : | not determined |
| Decomposition temperature | : | No decomposition if stored and handled as prescribed/indicated. |
| Viscosity<br>Viscosity, kinematic | : | 6 mm2/s ( 23 °C)<br>not determined ( 40 °C) |
| Flow time | : | < 30 s (23 °C)<br>Cross section: 3 mm |

| | | |
|---|---|---|
| | | Method: ISO 2431 |
| Explosive properties | : | Not explosive |
| Oxidizing properties | : | The substance or mixture is classified as oxidizing with the category 3. |
| Self-heating substances | : | The substance or mixture is not classified as self heating. |
| Metal corrosion rate | : | Corrosive to metals |
| Particle characteristics<br>Particle size | : | The substance / product is marketed or used in a non solid or granular form. |

**Section 10: Stability and reactivity**

| | | |
|---|---|---|
| Reactivity | : | No dangerous reaction known under conditions of normal use. |
| Chemical stability | : | No decomposition if stored and applied as directed. |
| Possibility of hazardous reactions | : | Gives off hydrogen by reaction with metals.<br>May ignite<br>Reacts as a strong oxidizing agent with all oxidizable organic and inorganic substances. |
| Conditions to avoid | : | avoid contact with metals<br>Avoid direct sunlight. |
| Incompatible materials | : | glass<br>Bases<br>Metals |

| | | |
|---|---|---|
| | | Reducing agents |
| | | Flammable materials |
| | | Organic materials |
| Hazardous decomposition products | : | Chromium oxides |

## Section 11: Toxicological information

**Acute toxicity**

Toxic if swallowed.
Fatal in contact with skin or if inhaled.

**Product:**

| | | |
|---|---|---|
| Acute oral toxicity | : | Acute toxicity estimate: 57.99 mg/kg<br>Method: Calculation method |
| Acute inhalation toxicity | : | Acute toxicity estimate: 1.88 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapor<br>Method: Calculation method |
| Acute dermal toxicity | : | Acute toxicity estimate: 59.05 mg/kg<br>Method: Calculation method |

**Components:**

**chromium (VI) trioxide:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 (Rat): 52 mg/kg |

| | | |
|---|---|---|
| Acute inhalation toxicity | : | LC50 (Rat): 0.167 mg/l<br>Exposure time: 4 h |
| Acute dermal toxicity | : | LD50 (Rabbit): 57 mg/kg |

**nitric acid:**

| | | |
|---|---|---|
| Acute inhalation toxicity | : | LC50 (Rat): 2.65 mg/l<br>Exposure time: 4 h<br><br>Test atmosphere: vapor<br><br>Assessment: Corrosive to the respiratory tract. |

**Skin corrosion/irritation**

Causes severe burns.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Respiratory or skin sensitization**

**Skin sensitization**

May cause an allergic skin reaction.

**Respiratory sensitization**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Chronic toxicity**

**Germ cell mutagenicity**

May cause genetic defects.

**Carcinogenicity**

May cause cancer by inhalation.

**Reproductive toxicity**

Suspected of damaging fertility or the unborn child.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

Causes damage to organs (Respiratory system) through prolonged or repeated exposure.

**Aspiration toxicity**

Based on available data, the classification criteria are not met.

## Section 12: Ecological information

**Ecotoxicity**

**Components:**

**chromium (VI) trioxide:**

| | | |
|---|---|---|
| M-Factor (Acute aquatic toxicity) | : | 1 |
| M-Factor (Chronic aquatic toxicity) | : | 1 |

**Persistence and degradability**

No data available

**Bioaccumulative potential**

**Components:**

**Hydrofluoric acid:**

| | | |
|---|---|---|
| Partition coefficient: n-octanol/water | : | log Pow: -1.4 |

**Mobility in soil**

No data available

**Other adverse effects**

No data available

## Section 13: Disposal considerations

### Disposal methods

| | | |
|---|---|---|
| Waste from residues | : | Do not discharge into drains/surface waters/groundwater.<br>Observe national and local legal requirements. |
| Contaminated packaging | : | Packaging that is not properly emptied must be disposed of as the unused product. |

## Section 14: Transport information

### International Regulations

### UNRTDG

| | | |
|---|---|---|
| UN number | : | UN 2922 |
| Proper shipping name | : | CORROSIVE LIQUID, TOXIC, N.O.S.<br>(CHROMIC ACID ANHYDRIDE/CHROMIUM TRIOXIDE, HYDROFLUORIC ACID) |
| Class | : | 8 |
| Subsidiary risk | : | 6.1 |
| Packing group | : | II |
| Labels | : | 8 (6.1) |
| Environmentally hazardous | : | yes |

### IATA-DGR

| | | |
|---|---|---|
| UN/ID No. | : | UN 2922 |
| Proper shipping name | : | CORROSIVE LIQUID, TOXIC, N.O.S.<br>(CHROMIC ACID ANHYDRIDE/CHROMIUM TRIOXIDE, HYDROFLUORIC ACID) |

| | | |
|---|---|---|
| Class | : | 8 |
| Subsidiary risk | : | 6.1 |
| Packing group | : | II |
| Labels | : | Corrosive, Toxic |
| Packing instruction (cargo aircraft) | : | 855 |
| Packing instruction (passenger aircraft) | : | 851 |

**IMDG-Code**

| | | |
|---|---|---|
| UN number | : | UN 2922 |
| Proper shipping name | : | CORROSIVE LIQUID, TOXIC, N.O.S.<br>(HYDROFLUORIC ACID, CHROMIC ACID ANHYDRIDE/CHROMIUM TRIOXIDE) |
| Class | : | 8 |
| Subsidiary risk | : | 6.1 |
| Packing group | : | II |
| Labels | : | 8 (6.1) |
| EmS Code | : | F-A, S-B |
| Marine pollutant | : | yes |

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
Not applicable for product as supplied.

**Domestic regulation**

**NZS 5433**

| | | |
|---|---|---|
| UN number | : | UN 2922 |

| | | |
|---|---|---|
| Proper shipping name | : | CORROSIVE LIQUID, TOXIC, N.O.S.<br>(CHROMIC ACID ANHYDRIDE/CHROMIUM TRIOXIDE, HYDROFLUORIC ACID) |
| Class | : | 8 |
| Subsidiary risk | : | 6.1 |
| Packing group | : | II |
| Labels | : | 8 (6.1) |
| Hazchem Code | : | 2X |
| Marine pollutant | : | yes |

**Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## Section 15: Regulatory information

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

**HSNO Approval Number**
HSR002633

**Tolerable Exposure Limits (TEL)**
Not applicable

**Environmental Exposure Limits (EEL)**
Not applicable

**HSW Controls**
Certified handler certificate required.
Tracking hazardous substance is required.
Refer to the Health and Safety at Work (Hazardous Substances) Regulations 2017, for further information.

## Section 16: Other information

| | | |
|---|---|---|
| Revision Date | : | 17.10.2025 |

**Further information**

| | | |
|---|---|---|
| Other information | : | For multi-pack systems observe material safety data sheets of all components.<br>Restricted to professional users. |
| Date format | : | dd.mm.yyyy |

**Full text of other abbreviations**

| | | |
|---|---|---|
| ACGIH | : | USA. ACGIH Threshold Limit Values (TLV) |
| ACGIH BEI | : | ACGIH - Biological Exposure Indices (BEI) |
| NZ BEI | : | New Zealand. Biological Exposure Indices |
| NZ OEL | : | New Zealand. Workplace Exposure Standards for Atmospheric Contaminants |
| ACGIH / TWA | : | 8-hour, time-weighted average |
| ACGIH / STEL | : | Short-term exposure limit |
| ACGIH / C | : | Ceiling limit |
| NZ OEL / WES-TWA | : | Workplace Exposure Standard - Time Weighted average |
| NZ OEL / WES-STEL | : | Workplace Exposure Standard - Short-Term Exposure Limit |
| NZ OEL / WES-Ceiling | : | Workplace Exposure Standard - Ceiling |

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen,

Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MERCOSUR - The Agreement for the Facilitation of the Transport of Dangerous Goods; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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