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# Safety data sheet



## 1. Substance/preparation and manufacturer/supplier identification

### 562-1602D 1KG Fine Polishing G2

Use: Coatings and related products

Not recommended use: spray application

Manufacturer/supplier:
BASF New Zealand Ltd.
5E City Works Depot
77 Cook Street
Auckland Central, Auckland 1010
NEW ZEALAND
Telephone: +64 9 255-4300
Telefax number: +64 9 255-4307

Emergency information:
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)

## 2. Hazard identification

Classification of the substance and mixture:
Specific target organ toxicity — repeated exposure: Cat. 2
Flammable liquids: Cat. 3

Label elements and precautionary statement:

Pictogram:



Signal Word:
Warning

Hazard Statement:

| | |
|---|---|
| H226 | Flammable liquid and vapour. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |

Precautionary Statements (Prevention):

| | |
|---|---|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P243 | Take action to prevent static discharges. |
| P280 | Wear protective gloves, protective clothing and eye protection or face protection. |
| P240 | Ground and bond container and receiving equipment. |
| P242 | Use only non-sparking tools. |
| P241 | Use explosion-proof electrical, ventilating and lighting equipment. |
| P233 | Keep container tightly closed. |

Precautionary Statements (Response):

| | |
|---|---|
| P303 + P361 + P353 | IF ON SKIN (or hair): Remove or Take off immediately all contaminated clothing. Rinse skin with water or shower. |
| P370 + P378 | In case of fire: Use water spray for extinction. |

Precautionary Statements (Storage):

| | |
|---|---|
| P403 + P235 | Store in a well-ventilated place. Keep cool. |

Precautionary Statements (Disposal):

| | |
|---|---|
| P501 | Dispose of contents and container to hazardous or special waste collection point. |

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.

## 3. Composition/information on ingredients

**Chemical nature**

Water, non drying oil, organic solvent, pigment

Hazardous ingredients

Coconut oil
Content (W/W): >= 10 % - < 12.5 %
CAS Number: 8001-31-8

alkanes, C11-C15, iso-

| | |
|---|---|
| Content (W/W): >= 7 % - < 10 % | Asp. Tox.: Cat. 1 |
| CAS Number: 90622-58-5 | Flam. Liq.: Cat. 4 |

Arylpolyglykolether

| | |
|---|---|
| Content (W/W): >= 5 % - < 7 % | Aquatic Acute: Cat. 3 |
| CAS Number: 104376-75-2 | Aquatic Chronic: Cat. 3 |

Hydrocarbons

| | |
|---|---|
| Content (W/W): >= 3 % - < 5 % | Asp. Tox.: Cat. 1 |
| CAS Number: 64742-82-1 | STOT RE: Cat. 1 |
| | Aquatic Chronic: Cat. 3 |

Hydrocarbons,C11-C14, n-alk., isoalk., cyclics,<2% aromatics

| | |
|---|---|
| Content (W/W): >= 1 % - < 2 % | Asp. Tox.: Cat. 1 |
| CAS Number: 64742-48-9 | |

## 4. First-Aid Measures

General advice:
First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Remove affected person from danger area. Immediately remove contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

If inhaled:
Remove the affected individual into fresh air and keep the person calm. If symptoms persist, seek medical advice. If breathing is irregular or stopped, administer artificial respiration.

On skin contact:
If symptoms persist, seek medical advice. Remove contaminated clothing. Wash skin with soap and water, rinse abundantly. Do NOT use solvents or thinners.

On contact with eyes:
If symptoms persist, seek medical advice. Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution.

On ingestion:
Do not induce vomiting. Rinse mouth thoroughly with water, seek medical attention. If adverse health effects develop seek medical attention.

Note to physician:
Symptoms: 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.
Treatment: Symptomatic treatment (decontamination, vital functions).
Antidote: No known specific antidote.

## 5. Fire-Fighting Measures

Suitable extinguishing media:
carbon dioxide, alcohol-resistant foam, dry powder, water spray

Unsuitable extinguishing media for safety reasons:
water jet

Specific hazards:
Fire will produce dense black smoke. Inhalation of dangerous decomposition products may cause serious damage to health.

Special protective equipment:
Appropriate breathing apparatus may be required.

Further information:
Cool closed containers in the vicinity of the source of fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

## 6. Accidental Release Measures

Personal precautions:
Use personal protective clothing. Avoid breathing vapours. Ensure adequate ventilation. Advice on product handling can be found in sections 7 and 8 of this safety data sheet. Keep away from sources of ignition.

Environmental precautions:
Do not allow to enter drains or waterways. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency. Do not discharge into the subsoil/soil.

Methods for cleaning up or taking up:
Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for diposal according with the waste regulations (see section 13). Clean preferably with a detergent; avoid the use of solvents. Ensure adequate ventilation.

## 7. Handling and Storage

Handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Do not return residues to the storage containers. Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws. Avoid inhalation of vapour and spray mist. The workplace should be equipped with an emergency shower and eye-rinsing facility. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:
Avoid all sources of ignition: heat, sparks, open flame. Product may charge electrostatically: always use earthing leads when transferring from one container to another and earth containers. It is recommended that operators should wear antistatic clothing and footwear. Solvent vapours are heavier than air and spread along floors. Vapour forms explosive mixtures with air. The relevant fire protection measures should be noted. Use explosion-proof equipment.

Storage

Keep away from oxidising agents, from strongly alkaline and strongly acid materials.

Suitable materials for containers: Stove-lacquer R 78433, Stove-lacquer EHD0022, High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethylenetherephtalate (PET), Polypropylene (PP)
Further information on storage conditions: Electrical equipment must be explosion-proof to the appropriate standard. Floors must be of conducting type and impermeable to the materials being stored. Keep container tightly closed. Never use pressure to empty; container is not a pressure vessel. Close containers carefully once opened and store upright in order to prevent any leakage. No smoking. Prevent unauthorized access. Detailed information can be gained from the relevant technical data sheets. Always keep in containers of same material as the original one. Observe label precautions. Store in a dry, well ventilated place. Protect from direct sunlight. Keep away from sources of ignition. Keep away from heat.

Storage stability:
Storage temperature: 10.00 - 30.00 °C

## 8. Exposure controls and personal protection

Components with occupational exposure limits

Coconut oil, 8001-31-8;
TWA value 10 mg/m3 (OEL (NZ)), Mist

Hydrocarbons, 64742-82-1;
TWA value 100 ppm (ACGIHTLV)
TWA value 525 mg/m3 ; 100 ppm (OEL (NZ))

Hydrocarbons,C11-C14, n-alk., isoalk., cyclics,<2% aromatics, 64742-48-9;

Personal protective equipment

Respiratory protection:
Respiratory protection not required. When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators. Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet (sanding/ flatting) should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used. Use A1P2 breathing-protection half mask in case of contact with aerosols.

Hand protection:
Further information on penetration time is available from the manufacturer of the glove.

Data are based on information from the glove manufacturer, the raw material manufacturer or according to specifics of the product components.
The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).
Follow manufacturer's advice on use, storage, maintenance and replacement of gloves.
The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream).
Wear protective gloves. Any chemical protection glove certified according to EN 374 is suitable: e.g. nitrile gloves - material thickness: 1,25 mm

Eye protection:
Eye protection not required., Required when there is a risk of eye contact.

Body protection:
Body protection not required., Personnel should wear antistatic, flame-retardant clothing made of natural fibres and/or heat-resistant synthetic fibres.

General safety and hygiene measures:
Do not breathe vapour/spray. Eye wash fountains and safety showers must be easily accessible. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Remove contaminated clothing immediately and dispose of safely. Hands and/or face should be washed before breaks and at the end of the shift. Keep separated from food stuffs and feed stocks.

## 9. Physical and Chemical Properties

| | |
|---|---|
| Form: | liquid |
| Colour: | white |
| Odour: | specific |
| pH value: | 9.0 - 10.0 |
| Melting point: | not determined |
| onset of boiling: | not determined |
| Flash point: | 30 °C |
| Flammability (solid/gas): | Flammable liquid and vapour. |
| Lower explosion limit: | 36 g/m3 |
| Ignition temperature: | > 200.00 °C |
| Self heating ability: | It is not a substance capable of spontaneous heating. |
| Explosion hazard: | not explosive |
| Fire promoting properties: | not fire-propagating |
| Vapour pressure: | (20 °C) not determined |

| | | |
|---|---|---|
| | (50 °C)<br>not determined | |
| Density: | 1.240 g/cm3<br>(20 °C) | |
| Miscibility with water: | miscible | |
| Viscosity, kinematic: | 691.3 mm2/s<br>(20 °C) | |
| | (40 °C)<br>not determined | |
| Flow time: | > 100 s | (DIN EN ISO 2431; 6 mm) |

## 10. Stability and Reactivity

Conditions to avoid:
Avoid direct sunlight.

Substances to avoid:
Keep away from highly acidic or alkaline substances as well as oxidants in order to prevent exothermal reactions.

Hazardous reactions:
Vapours may form ignitable mixture with air.

When exposed to high temperatures hazardous decomposition products such as carbon monoxide, carbon dioxide, smoke, oxides of nitrogen may be produced., No hazardous decomposition products if stored and handled as prescribed/indicated.

## 11. Toxicological Information

### Acute toxicity

Assessment of acute toxicity:
Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated and prolonged exposure to solvents at levels significantly above OELs may lead to the development of long-lasting central nervous system disorders such as chronic toxic encephalopathy, signs of toxicity include changes in behaviour and memory. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

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

### Irritation

Assessment of irritating effects:
Based on available Data, the classification criteria are not met.

### Respiratory/Skin sensitization

Assessment of sensitization:
Based on available Data, the classification criteria are not met.

### Germ cell mutagenicity

Assessment of mutagenicity:
Based on available Data, the classification criteria are not met.

### Carcinogenicity

Assessment of carcinogenicity:
Based on available Data, the classification criteria are not met.

### Reproductive toxicity

Assessment of reproduction toxicity:
Based on available Data, the classification criteria are not met.

### Developmental toxicity

Assessment of teratogenicity:
Based on available Data, the classification criteria are not met.

### Specific target organ toxicity (single exposure):

Assessment of STOT single:
Based on available Data, the classification criteria are not met.

### Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:
Repeated exposure may affect certain organs.

### Aspiration hazard

No aspiration hazard expected.

## 12. Ecological Information

### Ecotoxicity

Assessment of aquatic toxicity:
There are no test results available for this product. Do not allow to enter drains or waterways. Based on available Data, the classification criteria are not met.

### Mobility

Assessment transport between environmental compartments:
No data available.

### Persistence and degradability

Assessment biodegradation and elimination (H2O):
Biological degradability of hazardous substances mentioned in section 3:

Information on: Arylpolyglykolether
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### Bioaccumulation potential

Bioaccumulation potential:
No data available.

## 13. Disposal Considerations

Observe national and local legal requirements.

Contaminated packaging:
Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

## 14. Transport Information

**Domestic transport:**

| | |
|---|---|
| Packing group: | III |
| ID number: | UN 1263 |
| Transport hazard class(es): | 3 |
| Proper shipping name: | PAINT RELATED MATERIAL |

**Further information**
Hazchem Code:3Y
IERG Number:14

**Sea transport**
IMDG

| | |
|---|---|
| Packing group: | III |
| ID number: | UN 1263 |
| Transport hazard class(es): | 3 |
| Marine pollutant: | NO |
| Proper shipping name: | PAINT RELATED MATERIAL |

**Air transport**

IATA/ICAO

| | |
|---|---|
| Packing group: | III |
| ID number: | UN 1263 |
| Transport hazard class(es): | 3 |
| Proper shipping name: | PAINT RELATED MATERIAL |

## 15. Regulatory Information

**Other regulations**

HSNO Approval Number HSR002662
Surface Coatings and Colourants (Flammable) Group Standard 2017

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.
Tracking requirements do not apply to this substance.
A certified handler is not required for the handling of this substance.

## 16. Other Information

For multi-pack systems observe material safety data sheets of all components. Restricted to professional users.

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

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# Safety data sheet



BASF Safety data sheet
Date / Revised: 20.05.2022 Version: 4.0
Product: **563-808 0,375L Schleiffix**

(54679081/SDS_GEN_NZ/EN)
Date of print 24.06.2022

## 1. Substance/preparation and manufacturer/supplier identification

### 563-808 0,375L Schleiffix

Use: Thinner

Manufacturer/supplier:
BASF New Zealand Ltd.
5E City Works Depot
77 Cook Street
Auckland Central, Auckland 1010
NEW ZEALAND
Telephone: +64 9 255-4300
Telefax number: +64 9 255-4307

Emergency information:
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)

## 2. Hazard identification

Classification of the substance and mixture:
Skin corrosion/irritation: Cat. 3
Specific target organ toxicity — repeated exposure: Cat. 1
Hazardous to the aquatic environment - acute: Cat. 3
Skin sensitization: Cat. 1A
Flammable liquids: Cat. 4

Label elements and precautionary statement:

Pictogram:



Signal Word:
Danger

Hazard Statement:

| | |
|---|---|
| H227 | Combustible liquid. |
| H316 | Causes mild skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H402 | Harmful to aquatic life. |

Precautionary Statements (Prevention):

| | |
|---|---|
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P260 | Do not breathe dust or mist. |
| P280 | Wear protective gloves, protective clothing and eye protection or face protection. |
| P264 | Wash contaminated body parts thoroughly after handling. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P270 | Do not eat, drink or smoke when using this product. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P273 | Avoid release to the environment. |

Precautionary Statements (Response):

| | |
|---|---|
| P314 | Get medical advice/attention if you feel unwell. |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P370 + P378 | In case of fire: Use water spray for extinction. |
| P362 + P364 | Take off contaminated clothing and wash it before reuse. |
| P333 + P313 | If skin irritation or rash occurs: Get medical attention. |

Precautionary Statements (Storage):

| | |
|---|---|
| P403 + P235 | Store in a well-ventilated place. Keep cool. |

Precautionary Statements (Disposal):

| | |
|---|---|
| P501 | Dispose of contents and container to hazardous or special waste collection point. |

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.

## 3. Composition/information on ingredients

**Chemical nature**

Substance nature: mixture

fillers, inorganic compounds, cellulose ester, Water

Hazardous ingredients

Tripoli

| | |
|---|---|
| Content (W/W): >= 30 % - < 50 %<br>CAS Number: 1317-95-9 | STOT RE (Lung): Cat. 1 (by inhalation) |

morpholine

| | |
|---|---|
| Content (W/W): >= 0.3 % - < 0.5 %<br>CAS Number: 110-91-8 | Flam. Liq.: Cat. 3<br>Acute Tox.: Cat. 3 (Inhalation - vapour)<br>Acute Tox.: Cat. 4 (oral)<br>Acute Tox.: Cat. 3 (dermal)<br>Skin Corr./Irrit.: Cat. 1A<br>Eye Dam./Irrit.: Cat. 1<br>Repr.: Cat. 2 (fertility)<br>Repr.: Cat. 2 (unborn child)<br>Aquatic Acute: Cat. 3 |

bronopol

| | |
|---|---|
| Content (W/W): > 0 % - < 0.1 %<br>CAS Number: 52-51-7 | Acute Tox.: Cat. 3 (Inhalation - dust)<br>Acute Tox.: Cat. 3 (oral)<br>Acute Tox.: Cat. 4 (dermal)<br>Skin Corr./Irrit.: Cat. 2<br>Eye Dam./Irrit.: Cat. 1<br>STOT SE: Cat. 3 (irr. to respiratory syst.)<br>Aquatic Acute: Cat. 1<br>Aquatic Chronic: Cat. 2<br>M-factor acute: 10<br>M-factor chronic: 1 |

2-octyl-4-isothiazol-3-ones

| | |
|---|---|
| Content (W/W): > 0 % - < 0.1 %<br>CAS Number: 26530-20-1 | Acute Tox.: Cat. 3 (Inhalation - dust)<br>Acute Tox.: Cat. 3 (oral)<br>Acute Tox.: Cat. 3 (dermal)<br>Skin Corr./Irrit.: Cat. 1B<br>Eye Dam./Irrit.: Cat. 1<br>Skin Sens.: Cat. 1<br>Aquatic Acute: Cat. 1<br>Aquatic Chronic: Cat. 1<br>M-factor acute: 100<br>M-factor chronic: 100 |

## 4. First-Aid Measures

General advice:
First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Remove affected person from danger area. Immediately remove contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

If inhaled:
Remove the affected individual into fresh air and keep the person calm. If symptoms persist, seek medical advice. If breathing is irregular or stopped, administer artificial respiration.

On skin contact:
If symptoms persist, seek medical advice. Remove contaminated clothing. Wash skin with soap and water, rinse abundantly. Do NOT use solvents or thinners.

On contact with eyes:
If symptoms persist, seek medical advice. Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution.

On ingestion:
Do not induce vomiting. Rinse mouth thoroughly with water, seek medical attention. If adverse health effects develop seek medical attention.

Note to physician:
Symptoms: allergic symptoms, 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.
Treatment: Symptomatic treatment (decontamination, vital functions).
Antidote: No known specific antidote.

## 5. Fire-Fighting Measures

Suitable extinguishing media:
carbon dioxide, alcohol-resistant foam, dry powder, water spray

Unsuitable extinguishing media for safety reasons:
water jet

Specific hazards:
Fire will produce dense black smoke. Inhalation of dangerous decomposition products may cause serious damage to health.

Special protective equipment:
Appropriate breathing apparatus may be required.

Further information:
Cool closed containers in the vicinity of the source of fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

## 6. Accidental Release Measures

Personal precautions:
Avoid breathing vapours. For non-emergency personnel: Use personal protective clothing. Ensure adequate ventilation. Keep away from sources of ignition. For emergency responders: Advice on product handling can be found in sections 7 and 8 of this safety data sheet. Information regarding personal protective measures, see section 8.

Environmental precautions:
Do not allow to enter drains or waterways. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency. Do not discharge into the subsoil/soil.

Methods for cleaning up or taking up:
Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for diposal according with the waste regulations (see section 13). Clean preferably with a detergent; avoid the use of solvents. Ensure adequate ventilation.

## 7. Handling and Storage

Handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Do not return residues to the storage containers. Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws. Avoid inhalation of vapour and spray mist. The workplace should be equipped with an emergency shower and eye-rinsing facility. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:
Avoid all sources of ignition: heat, sparks, open flame. The relevant fire protection measures should be noted.

Storage

Keep away from oxidising agents, from strongly alkaline and strongly acid materials.

Suitable materials for containers: Stove-lacquer R 78433, Stove-lacquer EHD0022, High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethylenetherephtalate (PET), Polypropylene (PP)
Further information on storage conditions: Keep container dry. Keep in a cool, well-ventilated place. Avoid direct sunlight. Close containers carefully once opened and store them upright in order to prevent any leakage. No smoking. No admission for unauthorised personnel. Always keep in containers of same material as the original one. Observe label precautions. Store protected against freezing.

Storage stability:
Storage temperature: 10.00 - 30.00 °C

## 8. Exposure controls and personal protection

Components with occupational exposure limits

morpholine, 110-91-8;

| | |
|---|---|
| | TWA value 20 ppm (ACGIHTLV)<br>TWA value 71 mg/m3 ; 20 ppm (OEL (NZ))<br>Skin Designation (OEL (NZ))<br>Skin absorption can be significant.<br>Skin Designation (ACGIHTLV)<br>Danger of cutaneous absorption<br>Skin Designation (ACGIHTLV)<br>Danger of cutaneous absorption |
| Tripoli, 1317-95-9; | |
| | TWA value 0.025 mg/m3 (ACGIHTLV), Respirable fraction<br>TWA value 0.05 mg/m3 (OEL (NZ)), Respirable dust<br>Quartz and cristobalite are confirmed carcinogens.<br>TWA value 0.025 mg/m3 (ACGIHTLV), Respirable fraction |

Personal protective equipment

Respiratory protection:
Suitable respiratory protection: e.g. half-mask with A1P2 class combination filter When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators. Use A1P2 breathing-protection half mask in case of contact with aerosols.

Hand protection:
Further information on penetration time is available from the manufacturer of the glove.
Data are based on information from the glove manufacturer, the raw material manufacturer or according to specifics of the product components.
The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).
Follow manufacturer's advice on use, storage, maintenance and replacement of gloves.
The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream).
Wear protective gloves. Any chemical protection glove certified according to EN ISO 374-1 is suitable: e.g.
butyl rubber gloves - material thickness: 0.5 mm

Eye protection:
Safety glasses with side-shields (frame goggles) (e.g. EN 166), Required when there is a risk of eye contact.

Body protection:
Anti-static protective clothing

General safety and hygiene measures:
Do not breathe vapour/spray. Eye wash fountains and safety showers must be easily accessible. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. This can be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations at the workplace below the occupational exposure limits, appropriate certified respirators must be worn. Remove contaminated clothing immediately and dispose of safely. Hands and/or face should be washed before breaks and at the end of the shift. Keep separated from food stuffs and feed stocks.

## 9. Physical and Chemical Properties

| | | |
|---|---|---|
| Form: | liquid | |
| Colour: | brown | |
| Odour: | amine-like | |
| pH value: | 8.0 - 9.0 | |
| Melting point: | not determined | |
| onset of boiling: | not determined | |
| Flash point: | > 75 °C | (ISO 3679) |
| Flammability (solid/gas): | Combustible liquid. | |
| Lower explosion limit: | not applicable | |
| Ignition temperature: | > 200.00 °C | |
| Self heating ability: | It is not a substance capable of spontaneous heating. | |
| Explosion hazard: | not explosive | |
| Fire promoting properties: | not fire-propagating | |
| Vapour pressure: | (20 °C)<br>not determined<br><br>(50 °C)<br>not determined | |
| Density: | 1.530 g/cm3<br>(20 °C) | |
| Miscibility with water: | miscible | |
| Viscosity, kinematic: | (40 °C)<br>not determined<br>621.6 mm2/s<br>(20 °C) | |
| Flow time: | > 90 s | (DIN EN ISO 2431; 6 mm) |

## 10. Stability and Reactivity

Conditions to avoid:
Avoid direct sunlight. Avoid all sources of ignition: heat, sparks, open flame. Avoid freezing.

Substances to avoid:
Keep away from highly acidic or alkaline substances as well as oxidants in order to prevent exothermal reactions.

Hazardous reactions:
No hazardous reactions when stored and handled according to instructions.

When exposed to high temperatures hazardous decomposition products such as carbon monoxide, carbon dioxide, smoke, oxides of nitrogen may be produced., No hazardous decomposition products if stored and handled as prescribed/indicated.

## 11. Toxicological Information

### Acute toxicity

Assessment of acute toxicity:
Based on available data, the classification criteria are not met.

Information on: morpholine
Experimental/calculated data:
LD50 rat (oral): approx. 1,910 mg/kg (BASF-Test)
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Information on: morpholine
Experimental/calculated data:
LC50 rat (by inhalation): 8 mg/l 4 h (Conventional method)
The vapour was tested.

LC0 rat (by inhalation): 35.2 mg/l 1 h (IRT)
No Mortality within the stated exposition time as shown in animal studies, however, deaths occurred after longer exposure. The vapour was tested.

LC50 rat (by inhalation): 8 mg/l conservative approach
---

Information on: morpholine
Experimental/calculated data:
LD50 rabbit (dermal): approx. 500 mg/kg (similar to OECD guideline 402)
Literature data.
---

### Irritation

Assessment of irritating effects:
Not irritating to the eyes. Skin contact causes slight irritation.

### Respiratory/Skin sensitization

Assessment of sensitization:
Sensitization after skin contact possible.

### Germ cell mutagenicity

Assessment of mutagenicity:
Based on available data, the classification criteria are not met.

### Carcinogenicity

Assessment of carcinogenicity:
Based on available data, the classification criteria are not met.

### Reproductive toxicity

Assessment of reproduction toxicity:
Based on available data, the classification criteria are not met.

### Developmental toxicity

Assessment of teratogenicity:
Based on available data, the classification criteria are not met.

### Specific target organ toxicity (single exposure):

Assessment of STOT single:
Based on available data, the classification criteria are not met.

### Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:
Repeated exposure to small quantities may affect certain organs.

### Aspiration hazard

No aspiration hazard expected.

## 12. Ecological Information

### Ecotoxicity

Assessment of aquatic toxicity:
Harmful to aquatic life. There are no test results available for this product. Do not allow to enter drains or waterways.

### Mobility

Assessment transport between environmental compartments:
No data available.

### Persistence and degradability

Assessment biodegradation and elimination (H2O):
Biological degradability of hazardous substances mentioned in section 3:

Information on: morpholine
Elimination information:
90 - 100 % DOC reduction (25 d) (OECD 301E/92/69/EEC, C.4-B) (aerobic, municipal sewage treatment plant effluent)

92 % DOC reduction (28 d) (OECD Guideline 302 B) (aerobic, activated sludge, domestic, non-adapted)

Information on: 2-octyl-4-isothiazol-3-ones
Elimination information:
50 % % Mineralisation (0.6 - 1.4 d) (OECD Guideline 309) (aerobic, other) Readily biodegradable (according to OECD criteria).

50 % % Mineralisation (1.6 - 2.1 d) (OECD Guideline 309) (aerobic, other) Readily biodegradable.
---

### Bioaccumulation potential

Bioaccumulation potential:
No data available.

## 13. Disposal Considerations

Do not discharge into drains/surface waters/groundwater.
Observe national and local legal requirements.

Contaminated packaging:
Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

## 14. Transport Information

**Domestic transport:**

Not classified as a dangerous good under transport regulations

**Sea transport**
IMDG

Not classified as a dangerous good under transport regulations

**Air transport**
IATA/ICAO

Not classified as a dangerous good under transport regulations

## 15. Regulatory Information

**Other regulations**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.
Tracking requirements do not apply to this substance.
A certified handler is not required for the handling of this substance.

HSNO Approval Number HSR002657
Surface Coatings and Colourants (Combustible) Group Standard 2017

## 16. Other Information

For multi-pack systems observe material safety data sheets of all components. Restricted to professional users.

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

# 948-36 0,05KG hardener paste

| Version | Revision Date: | SDS Number: | Date of last issue: 02.06.2025 |
|---|---|---|---|
| 3.0 | 14.11.2025 | 000000000050223190 | Date of first issue: 17.05.2022 |

## Section 1: Identification

Product name : 948-36 0,05KG hardener paste

Product code : 000000000050223190

**Manufacturer or supplier's details**

BASF Coatings and Chemetall New Zealand Limited
Level 1, 527A Rosebank Road, Avondale
Auckland 1026
New Zealand
Telephone: 008 837 464, +64 9 820 3888
Telefax number: +64 9 820 3979
E-mail address: nzadmin@basf.com

**Emergency contact**

Telephone: +64 9 255-4300
E-mail address: ProductSafety_EC_APAC@basf.com, nzadmin@basf.com

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 : Putty

## Section 2: Hazard identification

**GHS Classification**

Organic peroxides : Type E

Serious eye damage/eye irritation : Category 2

Skin sensitization : Category 1

| | | |
|---|---|---|
| Specific target organ toxicity - repeated exposure | : | Category 2 |
| Hazardous to the aquatic environment - acute hazard | : | Category 1 |
| Hazardous to the aquatic environment - chronic hazard | : | Category 1 |

**GHS label elements**

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H242 Heating may cause a fire.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P234 Keep only in original packaging.
P240 Ground and bond container and receiving equipment.
P260 Do not breathe dust.
P264 Wash skin thoroughly after handling.
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.

**Response:**

P302 + P352 IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314 Get medical advice/ attention if you feel unwell.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

P391 Collect spillage.

**Storage:**

P403 Store in a well-ventilated place.

P410 Protect from sunlight.

P411 Store at temperatures not exceeding 25 °C/ 77 °F.

P420 Store separately.

**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 | : | organic peroxide<br>polyether<br>fillers<br>Water<br>cellulose ester |

**Components**

| Chemical name | Common Name/Synonyms | CAS-No. | Classification | Concentration (% w/w) |
|---|---|---|---|---|
| Benzoyl peroxide | dibenzoyl peroxide | 94-36-0 | Organic peroxides, Type B<br>Serious eye damage/eye irritation, Category 2<br>Skin sensitization, Category 1<br>Hazardous to the aquatic environment - acute hazard, Category 1<br>Hazardous to the aquatic environment - chronic hazard, Category 1 | >= 30 -< 50 |
| maleic acid dibutyl ester | dibutyl maleate | 105-76-0 | Skin sensitization, Category 1<br>Specific target organ toxicity - repeated exposure, Category 2 | >= 20 -< 30 |
| calcium carbonate | calcium carbonate | 471-34-1 | | >= 1 -< 10 |
| Magnesium carbonate | magnesium carbonate | 546-93-0 | | >= 1 -< 10 |

## Section 4: First-aid measures

General advice : Never give anything by mouth to an unconscious person.
First aid personnel should pay attention to their own safety.
If the patient is likely to become unconscious, place and

| | | |
|---|---|---|
| | | transport in stable sideways position (recovery position).<br>Immediately remove contaminated clothing.<br>In all cases of doubt, or when symptoms persist, seek medical attention.<br>Move out of dangerous area. |
| If inhaled | : | If breathed in, move person into fresh air.<br><br>If breathing is irregular or stopped, administer artificial respiration.<br><br>If symptoms persist, call a physician. |
| In case of skin contact | : | In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.<br><br>Call a physician immediately. |
| 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 | : | Rinse mouth with water.<br><br>Do not induce vomiting due to aspiration hazard.<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 | : | May cause an allergic skin reaction.<br><br>Causes serious eye irritation.<br><br>May cause damage to organs through prolonged or repeated |

exposure.

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.

Dusts may cause mechanical irritation to eyes.

Notes to physician : No known specific antidote.
Treat symptomatically.

## Section 5: Fire-fighting measures

Suitable extinguishing media : Dry powder

Carbon dioxide (CO2)

Water spray

Foam

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire fighting : Has a fire-promoting effect due to release of oxygen.

Fire will produce dense black smoke containing hazardous combustion products (see section 10).

**Advice for firefighters**

| | | |
|---|---|---|
| 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 | : | 1W |

## Section 6: Accidental release measures

| | | |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Avoid breathing dust.<br>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><br>Avoid subsoil penetration.<br><br>If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up | : | Avoid dust formation.<br><br>Contain and collect mechanically and dispose of in accordance with local regulations.<br><br>Ensure adequate ventilation. |

**Section 7: Handling and storage**

| | | |
|---|---|---|
| Advice on protection against fire and explosion | : | Avoid all sources of ignition: heat, sparks, open flame.<br><br>The relevant fire protection measures should be noted.<br><br>Avoid dust formation. |
| 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>Protect from moisture.<br><br>Avoid creating dust. |
| 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 | : | Keep away from heat.<br><br>Avoid direct sunlight.<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>The product may have contact with suitable materials only, e.g. unpigmented polyethylene or steel to material code St 4571.<br><br>Always keep in containers of same material as the original one.<br><br>Observe label precautions.<br><br>Protect from moisture.<br><br>Keep in a dry, cool and well-ventilated place. |

| | | |
|---|---|---|
| Materials to avoid | : | Reducing agents, heavy metal compounds, acids, alkalis, contamination.<br>Oxidizing agents<br>Organic materials |
| Recommended storage temperature | : | 5.00 - 25.00 °C |
| Packaging material | : | Suitable material: Polypropylene, Low density polyethylene (LDPE), High density polyethylene (HDPE), Polyethylenetherephtalate (PET) |

## Section 8: Exposure controls/personal protection

### Ingredients with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|---|---|---|---|
| Benzoyl peroxide | 94-36-0 | WES-TWA | 5 mg/m3 | NZ OEL |
| | Further information: Skin sensitizer | | | |
| | | TWA | 5 mg/m3 | ACGIH |
| calcium carbonate | 471-34-1 | WES-TWA | 10 mg/m3<br>(Calcium carbonate) | NZ OEL |
| Magnesium carbonate | 546-93-0 | WES-TWA | 10 mg/m3 | NZ OEL |

**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.

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Wear respiratory protection if ventilation is inadequate.

Hand protection

Remarks : Wear protective gloves. Any chemical protection glove certified according to EN ISO 374-1 is suitable: e.g.

butyl rubber gloves - material thickness: 0.5 mm Further information on penetration time is available from the manufacturer of the glove. Data are based on information from the glove manufacturer, the raw material manufacturer or according to specifics of the product components. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Request information on glove permeation properties from the glove supplier. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Suitable materials for short-term contact (recommended: At least protective index 2, corresponding > 30 minutes of permeation time according to EN ISO 374-1) Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1): Suitable materials against splashes (recommended: At least protective index 1, corresponding >

| | | |
|---|---|---|
| | | 10 minutes of permeation time according to EN ISO 374-1) |
| | | Preventive skin protection |
| Eye protection | : | Required when there is a risk of eye contact. |
| | | tight-fitting protective goggles with face screen |
| Skin and body protection | : | chemical-resistant disposable coveralls |
| | | Care should be taken in the selection of protective clothing to ensure that inflammation of the skin at neck and wrists through contact with the powder is avoided. |
| Protective measures | : | Eye wash fountains and safety showers must be easily accessible. |
| | | If these are not sufficient to maintain concentrations at the workplace below the occupational exposure limits, appropriate certified respirators must be worn. |
| | | Avoid contact with the skin, eyes and clothing. |
| | | Handle in accordance with good industrial hygiene and safety practice. |
| | | Avoid breathing dust. |

## Section 9: Physical and chemical properties

| | | |
|---|---|---|
| Appearance | : | paste |
| Color | : | red |
| Odor | : | characteristic |
| pH | : | substance/mixture is non-soluble (in water) |

| | | |
|---|---|---|
| Melting point/ range | : | not determined |
| Boiling point/boiling range | : | Study technically not feasible. |
| Flash point | : | not applicable, the product is a solid |
| Flammability (solid, gas) | : | Will not burn |
| Upper explosion limit / Upper flammability limit | : | not determined |
| Lower explosion limit / Lower flammability limit | : | not determined |
| Vapor pressure | : | not determined (50 °C)<br>not determined (20 °C)<br>The product is a non-volatile solid. |
| Relative vapor density | : | The product is a non-volatile solid. |
| Density | : | 1.001 g/cm3 (20 °C) |

| | | |
|---|---|---|
| Solubility(ies) | | |
| Water solubility | : | not determined |
| Partition coefficient: n-octanol/water | : | not applicable for mixtures |
| Autoignition temperature | : | > 200 °C |
| Decomposition temperature | : | The product is capable of self-sustaining progressive thermal decomposition. |
| Self-Accelerating decomposition temperature (SADT) | : | 50 °C |
| Viscosity | | |
| Viscosity, dynamic | : | No data available |
| Viscosity, kinematic | : | not determined ( 40 °C)<br>not determined ( 23 °C) |
| Flow time | : | > 670 s (23 °C)<br>Cross section: 6 mm<br>Method: ISO 2431 |
| Explosive properties | : | Not explosive |
| Oxidizing properties | : | The substance or mixture is not classified as oxidizing. |
| Self-heating substances | : | The substance or mixture is not classified as self heating. |

| | | |
|---|---|---|
| Metal corrosion rate | : | Not corrosive to metals. |
| Particle characteristics | | |
| Particle size | : | No data available |

## 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 | : | Dust can form an explosive mixture in air. |
| Conditions to avoid | : | Heat.<br>Avoid direct sunlight.<br>Avoid impact, friction and electrostatic loading.<br>Avoid dust formation. |
| Incompatible materials | : | Organic materials<br>Oxidizing agents<br>Reducing agents, heavy metal compounds, acids, alkalis, contamination. |
| Hazardous decomposition products | : | Nitrogen oxides (NOx)<br>Carbon oxides |

## Section 11: Toxicological information

**Acute toxicity**

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

**Skin corrosion/irritation**

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

**Serious eye damage/eye irritation**
Causes serious eye irritation.

**Respiratory or skin sensitization**

**Skin sensitization**
May cause an allergic skin reaction.

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

**Chronic toxicity**

**Germ cell mutagenicity**
Based on available data, the classification criteria are not met.

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

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

**STOT-single exposure**
Based on available data, the classification criteria are not met.

**STOT-repeated exposure**
May cause damage to organs through prolonged or repeated exposure.

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

## Section 12: Ecological information

**Ecotoxicity**
No data available

**Persistence and degradability**
No data available

**Bioaccumulative potential**

**Components:**

**Benzoyl peroxide:**

| | | |
|---|---|---|
| Partition coefficient: n-octanol/water | : | log Pow: 3.2 (22 °C)<br>pH: 7<br>Method: OECD Test Guideline 117<br>GLP: yes |

**maleic acid dibutyl ester:**

| | | |
|---|---|---|
| Partition coefficient: n-octanol/water | : | log Pow: 3.39 (25 °C)<br>pH: 7<br>Method: OECD Test Guideline 117 |

**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 3108 |
| Proper shipping name | : | ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE) |
| Class | : | 5.2 |
| Packing group | : | Not assigned by regulation |
| Labels | : | 5.2 |
| Environmentally hazardous | : | yes |

**IATA-DGR**

| | | |
|---|---|---|
| UN/ID No. | : | UN 3108 |
| Proper shipping name | : | ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE) |
| Class | : | 5.2 |
| Packing group | : | Not assigned by regulation |
| Labels | : | Organic Peroxide, Keep Away From Heat |
| Packing instruction (cargo aircraft) | : | 570 |
| Packing instruction (passenger aircraft) | : | 570 |

**IMDG-Code**

| | | |
|---|---|---|
| UN number | : | UN 3108 |
| Proper shipping name | : | ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE) |

(DIBENZOYL PEROXIDE)

| | | |
|---|---|---|
| Class | : | 5.2 |
| Packing group | : | Not assigned by regulation |
| Labels | : | 5.2 |
| EmS Code | : | F-J, S-R |
| 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 3108 |
| Proper shipping name | : | ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE) |
| Class | : | 5.2 |
| Packing group | : | Not assigned by regulation |
| Labels | : | 5.2 |
| Hazchem Code | : | 1W |
| 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**
HSR002629 Organic Peroxides Group Standard

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

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

**HSW Controls**
Certified handler certificate not required.
Tracking hazardous substance not required.
Refer to the Health and Safety at Work (Hazardous Substances) Regulations 2017, for further information.

## Section 16: Other information

| | | |
|---|---|---|
| Revision Date | : | 14.11.2025 |

**Further information**

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

**Full text of other abbreviations**

| | | |
|---|---|---|
| ACGIH | : | USA. ACGIH Threshold Limit Values (TLV) |
| NZ OEL | : | New Zealand. Workplace Exposure Standards for |

Atmospheric Contaminants

| | | |
|---|---|---|
| ACGIH / TWA | : | 8-hour, time-weighted average |
| NZ OEL / WES-TWA | : | Workplace Exposure Standard - Time Weighted average |

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.

NZ / EN