



Safety Data Sheet

acc. to GHS-NZ

POR-15 TOP COAT SAFETY BLUE AEROSOL

Version number: GHS 5.0
Replaces version of: 2023-08-03 (GHS 4)

Revision: 2024-01-08

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name **POR-15 TOP COAT SAFETY BLUE AEROSOL**
Product code(s) 46418

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

Relevant identified uses Paint

1.3 Details of the supplier of the safety data sheet

e-mail (competent person) support@porproducts.com

1.3 Details of the supplier of the safety data sheet

Manufacturer:
P.O.R. Products:
38 Portman Road:
New Rochelle:
NY 10801:
United States:
support@porproducts.com:
www.porproducts.com:

Supplier of Product: HGLB Holdings Limited
Registered Office
69 Rutherford Street
Lower Hutt 5010
Sales@por15nz.com
021-446682
:

1.4 Emergency telephone number

New Zealand ((Mon - Fri, 09:00-17:00 NZST) NZ Poisons Information Center: 0800 764 766 or
+(64) 3 474 7000

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

| Section | Hazard class | Category | Hazard class and category | Hazard statement |
|---------|---|----------|---------------------------|------------------|
| 2.3 | aerosols | 1 | Aerosol 1 | H222,H229 |
| 3.3 | serious eye damage/eye irritation | 2 | Eye Irrit. 2 | H319 |
| 3.5 | germ cell mutagenicity | 1B | Muta. 1B | H340 |
| 3.6 | carcinogenicity | 1A | Carc. 1A | H350 |
| 3.8D | specific target organ toxicity - single exposure (narcotic effects, drowsiness) | 3 | STOT SE 3 | H336 |
| 4.1A | hazardous to the aquatic environment - acute hazard | 3 | Aquatic Acute 3 | H402 |

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

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Labelling

- Signal word danger

- Pictograms

GHS02, GHS07, GHS08



- Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurized container: may burst if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H340 May cause genetic defects.
H350 May cause cancer.
H402 Harmful to aquatic life.

- Precautionary statements

P201 Obtain special instructions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container to industrial combustion plant.

- Hazardous ingredients for labelling n-butane, acetone, propane, PM acetate

2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0,1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0,1\%$.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not relevant (mixture)

3.2 Mixtures

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Description of the mixture

| Name of substance | Identifier | Wt% | Classification acc. to GHS |
|------------------------|----------------------|-----------|--|
| acetone | CAS No 67-64-1 | 25 - < 50 | Flam. Liq. 2 / H225 Eye Irrit. 2 / H319 STOT SE 3 / H336 |
| propane | CAS No 78-93-3 | 25 - < 50 | Flam. Liq. 2 / H225 Acute Tox. 5 / H303 Eye Irrit. 2 / H319 STOT SE 3 / H336 |
| n-butane | CAS No 106-97-8 | 10 - < 25 | Flam. Gas 1A / H220 Press. Gas C / H280 Muta. 1B / H340 Carc. 1A / H350 Aquatic Acute 3 / H402 |
| barium sulfate | CAS No 7727-43-7 | 5 - < 10 | Aquatic Acute 2 / H401 |
| isobutyl acetate | CAS No 110-19-0 | 5 - < 10 | |
| glycol ether EP | CAS No 2807-30-9 | 5 - < 10 | Flam. Liq. 3 / H226 Acute Tox. 5 / H303 Acute Tox. 4 / H312 Eye Irrit. 2 / H319 |
| Titanium dioxide- part | CAS No 13463-67-7 | 1 - < 5 | Carc. 2 / H351 |
| 4-methylpentan-2-one | CAS No 108-10-1 | 1 - < 5 | Flam. Liq. 2 / H225 Acute Tox. 3 / H331 Eye Irrit. 2 / H319 STOT SE 3 / H335 |
| n-butyl acetate | CAS No 123-86-4 | 1 - < 5 | Flam. Liq. 3 / H226 STOT SE 3 / H336 Aquatic Acute 3 / H402 |
| PM acetate | CAS No 108-65-6 | 1 - < 5 | Flam. Liq. 3 / H226 Acute Tox. 5 / H313 STOT SE 3 / H336 |
| METHYL PROPYL KETONE | CAS No 107-87-9 | 1 - < 5 | Flam. Liq. 2 / H225 Acute Tox. 4 / H302 Acute Tox. 5 / H333 Eye Irrit. 2 / H319 |

For full text of abbreviations: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

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Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Narcotic effects.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

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Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Flammability hazards

Do not spray on an open flame or other ignition source. Protect from sunlight.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

this information is not available

| Relevant DNELs of components | | | | | | |
|------------------------------|---------|----------|-------------------------|------------------------------------|-------------------|----------------------------|
| Name of substance | CAS No | Endpoint | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
| acetone | 67-64-1 | DNEL | 1,210 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| acetone | 67-64-1 | DNEL | 2,420 mg/m ³ | human, inhalatory | worker (industry) | acute - local effects |
| acetone | 67-64-1 | DNEL | 186 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| propane | 78-93-3 | DNEL | 600 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |

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| Relevant DNELs of components | | | | | | |
|------------------------------|-----------|----------|-------------------------|------------------------------------|-------------------|----------------------------|
| Name of substance | CAS No | Endpoint | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
| propane | 78-93-3 | DNEL | 1,161 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| barium sulfate | 7727-43-7 | DNEL | 10 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| barium sulfate | 7727-43-7 | DNEL | 10 mg/m ³ | human, inhalatory | worker (industry) | chronic - local effects |
| isobutyl acetate | 110-19-0 | DNEL | 300 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| isobutyl acetate | 110-19-0 | DNEL | 600 mg/m ³ | human, inhalatory | worker (industry) | acute - systemic effects |
| isobutyl acetate | 110-19-0 | DNEL | 300 mg/m ³ | human, inhalatory | worker (industry) | chronic - local effects |
| isobutyl acetate | 110-19-0 | DNEL | 600 mg/m ³ | human, inhalatory | worker (industry) | acute - local effects |
| isobutyl acetate | 110-19-0 | DNEL | 10 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| isobutyl acetate | 110-19-0 | DNEL | 10 mg/kg bw/day | human, dermal | worker (industry) | acute - systemic effects |
| glycol ether EP | 2807-30-9 | DNEL | 36 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| glycol ether EP | 2807-30-9 | DNEL | 3.4 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| METHYL PROPYL KETONE | 107-87-9 | DNEL | 209.4 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| METHYL PROPYL KETONE | 107-87-9 | DNEL | 4,784 mg/m ³ | human, inhalatory | worker (industry) | acute - systemic effects |
| METHYL PROPYL KETONE | 107-87-9 | DNEL | 19.89 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| PM acetate | 108-65-6 | DNEL | 275 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| PM acetate | 108-65-6 | DNEL | 550 mg/m ³ | human, inhalatory | worker (industry) | acute - local effects |
| PM acetate | 108-65-6 | DNEL | 796 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |

| Relevant PNECs of components | | | | | | |
|------------------------------|---------|----------|-----------------|-------------------|---------------------------|------------------------------|
| Name of substance | CAS No | Endpoint | Threshold level | Organism | Environmental compartment | Exposure time |
| acetone | 67-64-1 | PNEC | 10.6 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| acetone | 67-64-1 | PNEC | 1.06 mg/l | aquatic organisms | marine water | short-term (single instance) |

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| Relevant PNECs of components | | | | | | |
|------------------------------|-----------|----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance | CAS No | Endpoint | Threshold level | Organism | Environmental compartment | Exposure time |
| acetone | 67-64-1 | PNEC | 100 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| acetone | 67-64-1 | PNEC | 30.4 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| acetone | 67-64-1 | PNEC | 3.04 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| acetone | 67-64-1 | PNEC | 29.5 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| propane | 78-93-3 | PNEC | 55.8 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| propane | 78-93-3 | PNEC | 55.8 mg/l | aquatic organisms | marine water | short-term (single instance) |
| propane | 78-93-3 | PNEC | 709 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| propane | 78-93-3 | PNEC | 284.7 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| propane | 78-93-3 | PNEC | 284.7 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| propane | 78-93-3 | PNEC | 22.5 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| barium sulfate | 7727-43-7 | PNEC | 115 µg/l | aquatic organisms | freshwater | short-term (single instance) |
| barium sulfate | 7727-43-7 | PNEC | 62.2 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| barium sulfate | 7727-43-7 | PNEC | 600.4 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| barium sulfate | 7727-43-7 | PNEC | 207.7 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| isobutyl acetate | 110-19-0 | PNEC | 0.17 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| isobutyl acetate | 110-19-0 | PNEC | 0.017 mg/l | aquatic organisms | marine water | short-term (single instance) |
| isobutyl acetate | 110-19-0 | PNEC | 200 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| isobutyl acetate | 110-19-0 | PNEC | 0.877 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| isobutyl acetate | 110-19-0 | PNEC | 0.088 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| isobutyl acetate | 110-19-0 | PNEC | 0.075 mg/kg | terrestrial organisms | soil | short-term (single instance) |

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| Relevant PNECs of components | | | | | | |
|------------------------------|-----------|----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance | CAS No | Endpoint | Threshold level | Organism | Environmental compartment | Exposure time |
| glycol ether EP | 2807-30-9 | PNEC | 0.1 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| glycol ether EP | 2807-30-9 | PNEC | 0.01 mg/l | aquatic organisms | marine water | short-term (single instance) |
| glycol ether EP | 2807-30-9 | PNEC | 10 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| glycol ether EP | 2807-30-9 | PNEC | 0.594 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| glycol ether EP | 2807-30-9 | PNEC | 0.059 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| glycol ether EP | 2807-30-9 | PNEC | 0.06 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| METHYL PROPYL KETONE | 107-87-9 | PNEC | 0.11 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| METHYL PROPYL KETONE | 107-87-9 | PNEC | 0.011 mg/l | aquatic organisms | marine water | short-term (single instance) |
| METHYL PROPYL KETONE | 107-87-9 | PNEC | 0.25 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| METHYL PROPYL KETONE | 107-87-9 | PNEC | 0.717 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| METHYL PROPYL KETONE | 107-87-9 | PNEC | 0.072 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| METHYL PROPYL KETONE | 107-87-9 | PNEC | 0.079 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| PM acetate | 108-65-6 | PNEC | 0.635 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| PM acetate | 108-65-6 | PNEC | 0.064 mg/l | aquatic organisms | marine water | short-term (single instance) |
| PM acetate | 108-65-6 | PNEC | 100 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| PM acetate | 108-65-6 | PNEC | 3.29 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| PM acetate | 108-65-6 | PNEC | 0.329 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| PM acetate | 108-65-6 | PNEC | 0.29 mg/kg | terrestrial organisms | soil | short-term (single instance) |

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

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Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear protective gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

During spraying wear suitable respiratory equipment.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|--|
| Physical state | liquid, solid, gaseous (spray aerosol) |
| Colour | not determined |
| Odour | characteristic |
| Melting point/freezing point | not determined |
| Boiling point or initial boiling point and boiling range | -161.5 °C at 1,013 hPa |
| Flammability | flammable aerosol in accordance with GHS criteria |
| Lower and upper explosion limit | 1.5 vol% - 15 vol% |
| Flash point | -88.6 °C at 1,013 hPa |
| Auto-ignition temperature | 256 °C (auto-ignition temperature (liquids and gases)) |
| Decomposition temperature | not relevant |
| pH (value) | not determined |
| Kinematic viscosity | not relevant |
| Solubility(ies) | not determined |

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Partition coefficient

| | |
|---|-----------------------------------|
| Partition coefficient n-octanol/water (log value) | this information is not available |
|---|-----------------------------------|

| | |
|-----------------|------------------|
| Vapour pressure | 240 hPa at 20 °C |
|-----------------|------------------|

Density and/or relative density

| | |
|-------------------------|---|
| Density | not determined |
| Relative vapour density | information on this property is not available |

| | |
|--------------------------|------------------------|
| Particle characteristics | not relevant (aerosol) |
|--------------------------|------------------------|

9.2 Other information

Information with regard to physical hazard classes

Aerosols

| | |
|--------------------------|------|
| - Components (flammable) | 81 % |
|--------------------------|------|

Other safety characteristics

| | |
|--------------------|--------|
| Solid content | 12 % |
| Propellant content | 12.8 % |

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Do not spray on an open flame or other ignition source. Keep away from heat.

Hints to prevent fire or explosion

Protect from sunlight.

10.5 Incompatible materials

Oxidisers

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10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components

| Name of substance | CAS No | Exposure route | ATE |
|----------------------|-----------|--------------------|---------------|
| propane | 78-93-3 | oral | 2,054 mg/kg |
| glycol ether EP | 2807-30-9 | oral | 3,089 mg/kg |
| glycol ether EP | 2807-30-9 | dermal | 1,100 mg/kg |
| METHYL PROPYL KETONE | 107-87-9 | oral | >1,600 mg/kg |
| METHYL PROPYL KETONE | 107-87-9 | inhalation: vapour | >25.5 mg/l/4h |
| 4-methylpentan-2-one | 108-10-1 | inhalation: vapour | >8.2 mg/l/4h |
| PM acetate | 108-65-6 | dermal | >2,000 mg/kg |

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Germ cell mutagenicity

May cause genetic defects.

Carcinogenicity

May cause cancer.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

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Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

11.2 Information on other hazards

There is no additional information.

SECTION 12: Ecological information

12.1 Toxicity

Harmful to aquatic life.

Aquatic toxicity (acute) of components

| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
|----------------------|-----------|----------|-------------|-----------------------|---------------|
| acetone | 67-64-1 | LC50 | 8,120 mg/l | fish | 96 h |
| propane | 78-93-3 | LC50 | 2,993 mg/l | fish | 96 h |
| propane | 78-93-3 | EC50 | 308 mg/l | aquatic invertebrates | 48 h |
| propane | 78-93-3 | ErC50 | 2,029 mg/l | algae | 96 h |
| n-butane | 106-97-8 | LC50 | 49.9 mg/l | fish | 96 h |
| n-butane | 106-97-8 | EC50 | 19.37 mg/l | algae | 96 h |
| barium sulfate | 7727-43-7 | LC50 | >3.5 mg/l | fish | 96 h |
| barium sulfate | 7727-43-7 | ErC50 | >1.15 mg/l | algae | 72 h |
| isobutyl acetate | 110-19-0 | LC50 | 16.6 mg/l | fish | 96 h |
| isobutyl acetate | 110-19-0 | EC50 | 26.8 mg/l | aquatic invertebrates | 24 h |
| isobutyl acetate | 110-19-0 | ErC50 | 335 mg/l | algae | 24 h |
| glycol ether EP | 2807-30-9 | LC50 | >5,000 mg/l | fish | 96 h |
| glycol ether EP | 2807-30-9 | ErC50 | >100 mg/l | algae | 72 h |
| glycol ether EP | 2807-30-9 | EC50 | >100 mg/l | algae | 72 h |
| n-butyl acetate | 123-86-4 | LC50 | 18 mg/l | fish | 96 h |
| n-butyl acetate | 123-86-4 | EC50 | 18 mg/l | fish | 96 h |
| n-butyl acetate | 123-86-4 | ErC50 | 335 mg/l | algae | 24 h |
| METHYL PROPYL KETONE | 107-87-9 | LC50 | 1,240 mg/l | fish | 96 h |
| METHYL PROPYL KETONE | 107-87-9 | EC50 | >110 mg/l | aquatic invertebrates | 48 h |
| METHYL PROPYL KETONE | 107-87-9 | ErC50 | >150 mg/l | algae | 72 h |

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| Aquatic toxicity (acute) of components | | | | | |
|--|----------|----------|-------------|-----------------------|---------------|
| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
| 4-methylpentan-2-one | 108-10-1 | LC50 | >179 mg/l | fish | 96 h |
| 4-methylpentan-2-one | 108-10-1 | EC50 | >200 mg/l | aquatic invertebrates | 48 h |
| PM acetate | 108-65-6 | LC50 | 180 mg/l | fish | 96 h |
| PM acetate | 108-65-6 | EC50 | >500 mg/l | aquatic invertebrates | 48 h |
| PM acetate | 108-65-6 | ErC50 | >1,000 mg/l | algae | 96 h |

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0,1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0,1\%$.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

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SECTION 14: Transport information

14.1 UN number

| | |
|-----------|---------|
| UN RTDG | UN 1950 |
| IMDG-Code | UN 1950 |
| ICAO-TI | UN 1950 |

14.2 UN proper shipping name

| | |
|-----------|---------------------|
| UN RTDG | AEROSOLS |
| IMDG-Code | AEROSOLS |
| ICAO-TI | Aerosols, flammable |

14.3 Transport hazard class(es)

| | |
|-----------|-----|
| UN RTDG | 2.1 |
| IMDG-Code | 2.1 |
| ICAO-TI | 2.1 |

14.4 Packing group

not assigned

14.5 Environmental hazards

non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

There is no additional information.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

SECTION 15: Regulatory information

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

There is no additional information.

National regulations (New Zealand)

New Zealand Inventory of Chemicals (NZIoC)

Aerosols (Flammable) Group Standard 2020 HSR002515.

| NZIoC | | |
|-------------------|---------|--------------------------|
| Name of substance | CAS No | Approval status |
| acetone | 67-64-1 | HSNO Approval: HSR001070 |
| propane | 78-93-3 | HSNO Approval: HSR001190 |

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| NZIoC | | |
|----------------------|-----------|--|
| Name of substance | CAS No | Approval status |
| n-butyl acetate | 123-86-4 | HSNO Approval: HSR001091 |
| n-butane | 106-97-8 | HSNO Approval: HSR000989 |
| glycol ether EP | 2807-30-9 | HSNO Approval: HSR001161 |
| PM acetate | 108-65-6 | HSNO Approval: HSR001219 |
| barium sulfate | 7727-43-7 | Does not have an individual approval but may be used under an appropriate group standard |
| METHYL PROPYL KETONE | 107-87-9 | HSNO Approval: HSR001046 |

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Key literature references and sources for data

Globally Harmonized System of Classification and Labelling of Chemicals ("Purple book").

UN Recommendations on the Transport of Dangerous Good. International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.