

Safety data sheet

Page: 1/10

Chemetall (now part of BASF Group) Safety data sheet

Date / Revised: 18.12.2020

Product: **TERGO ENVIRO DEGREASER**

Version: 1.0

(30722012/SDS_GEN_NZ/EN)

Date of print 17.10.2024

1. Substance/preparation and manufacturer/supplier identification

TERGO ENVIRO DEGREASER

Recommended use: surfactant

Not recommended use: Uses other than recommended

Manufacturer/supplier:

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 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

Serious eye damage/eye irritation: Cat. 1

Skin sensitization: Cat. 1

Hazardous to the aquatic environment - acute: Cat. 2

Hazardous to the aquatic environment - chronic: Cat. 2

Label elements and precautionary statement:

Pictogram:

Chemetall (now part of BASF Group) Safety data sheet
 Date / Revised: 18.12.2020
 Product: **TERGO ENVIRO DEGREASER**

Version: 1.0

(30722012/SDS_GEN_NZ/EN)

Date of print 17.10.2024



Signal Word:
 Danger

Hazard Statement:

| | |
|------|--|
| H316 | Causes mild skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H411 | Toxic to aquatic life with long lasting effects. |

Precautionary Statements (Prevention):

| | |
|------|--|
| P280 | Wear protective gloves, protective clothing and eye protection or face protection. |
| P273 | Avoid release to the environment. |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |

Precautionary Statements (Response):

| | |
|--------------------|--|
| P310 | Immediately call a POISON CENTER or physician. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P333 + P313 | If skin irritation or rash occurs: Get medical attention. |
| P362 + P364 | Take off contaminated clothing and wash it before reuse. |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P391 | Collect spillage. |

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

organic, inorganic, aqueous solution

Hazardous ingredients

| | |
|--|--------------------------|
| Diphosphoric acid, tetrapotassium salt | |
| Content (W/W): $\geq 7\%$ - $< 10\%$ | Eye Dam./Irrit.: Cat. 2A |
| CAS Number: 7320-34-5 | |

Alcohols, C12-15, ethoxylated, 1-2.5 EO

Chemetall (now part of BASF Group) Safety data sheet

Date / Revised: 18.12.2020

Version: 1.0

Product: **TERGO ENVIRO DEGREASER**

(30722012/SDS_GEN_NZ/EN)

Date of print 17.10.2024

Content (W/W): $\geq 3\%$ - $< 5\%$
CAS Number: 68131-39-5Eye Dam./Irrit.: Cat. 1
Aquatic Acute: Cat. 1
Aquatic Chronic: Cat. 3

1-ethoxypropan-2-ol

Content (W/W): $\geq 3\%$ - $< 5\%$
CAS Number: 1569-02-4Flam. Liq.: Cat. 3
STOT SE (Central nervous system): Cat. 3
(drowsiness and dizziness)

"(R)-p-mentha-1,8-diene; d-limonene"

Content (W/W): $\geq 3\%$ - $< 5\%$
CAS Number: 5989-27-5Asp. Tox.: Cat. 1
Flam. Liq.: Cat. 3
Skin Corr./Irrit.: Cat. 2
Skin Sens.: Cat. 1
Aquatic Acute: Cat. 1
Aquatic Chronic: Cat. 1
M-factor acute: 1

4-Nonylphenol branched, ethoxylated

Content (W/W): $\geq 1\%$ - $< 2\%$
CAS Number: 127087-87-0Skin Corr./Irrit.: Cat. 2
Aquatic Chronic: Cat. 2
Eye Dam./Irrit.: Cat. 2A

Quaternary Ammonium Compounds, Coco Alkylbis(hydroxyethyl)met

Content (W/W): $\geq 2.5\%$ - $< 3\%$
CAS Number: 61791-10-4Acute Tox.: Cat. 4 (oral)
Acute Tox.: Cat. 4 (dermal)
Skin Corr./Irrit.: Cat. 2
Eye Dam./Irrit.: Cat. 1
Aquatic Acute: Cat. 1
Aquatic Chronic: Cat. 1

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.

Chemetall (now part of BASF Group) Safety data sheet
Date / Revised: 18.12.2020
Product: **TERGO ENVIRO DEGREASER**

Version: 1.0

(30722012/SDS_GEN_NZ/EN)

Date of print 17.10.2024

On contact with eyes:

Remove contact lenses, if present. Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. Immediate medical attention required.

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:

Hazardous decomposition products formed under fire conditions.

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:

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

Environmental precautions:

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. 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.

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 disposal 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. Segregate from acids and acid forming substances.

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethylenetherephtalate (PET), Polypropylene (PP), Carbon steel (Iron), tinned carbon steel (Tinplate)

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.

8. Exposure controls and personal protection

Components with occupational exposure limits

No occupational exposure limits known.

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. (Gas filter EN 14387 A)

Hand protection:

Wear protective gloves of neoprene.

Use suitable protective gloves made of nitrile rubber or butyl rubber. Please observe the glove manufacturer's instructions on permeability and rupture times as well as the specific workplace conditions.

Chemical resistant protective gloves (EN 374)

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

The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

Chemetall (now part of BASF Group) Safety data sheet
Date / Revised: 18.12.2020
Product: **TERGO ENVIRO DEGREASER**

Version: 1.0

(30722012/SDS_GEN_NZ/EN)

Date of print 17.10.2024

Eye protection:
Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:
Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

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. 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: | orange |
| pH value: | 10.0 - 11.0 (20 °C) (undiluted) |
| Melting point: | not determined |
| onset of boiling: | 100 °C |
| Flash point: | not applicable |
| Flammability (solid/gas): | not applicable |
| Lower explosion limit: | not determined |
| Ignition temperature: | not determined |
| 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) not determined |
| Density: | 1.070 g/cm ³ (20 °C) |

Chemetall (now part of BASF Group) Safety data sheet
Date / Revised: 18.12.2020
Product: **TERGO ENVIRO DEGREASER**

Version: 1.0

(30722012/SDS_GEN_NZ/EN)

Date of print 17.10.2024

| | | |
|-------------------------|--------------------|-------------------------|
| Solubility in water: | soluble | |
| Miscibility with water: | miscible | |
| : | No data available. | |
| Flow time: | < 30 s | (DIN EN ISO 2431; 3 mm) |

10. Stability and Reactivity

Conditions to avoid:
Avoid direct sunlight.

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

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.

Irritation

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

Aspiration hazard

No aspiration hazard expected.

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:
Toxic to aquatic life. Toxic to aquatic life with long lasting effects. 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):
No data available concerning biodegradation and elimination.

Elimination information:
No data available.

Bioaccumulation potential

Bioaccumulation potential:
No data available.

Chemetall (now part of BASF Group) Safety data sheet
Date / Revised: 18.12.2020
Product: **TERGO ENVIRO DEGREASER**

Version: 1.0

(30722012/SDS_GEN_NZ/EN)

Date of print 17.10.2024

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 3082
Transport hazard class(es): 9, EHS
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains "(R)-p-mentha-1,8-diene; d-limonene")

Further information

Hazchem Code:3Z
IERG Number:47

Sea transport

IMDG

Packing group: III
ID number: UN 3082
Transport hazard class(es): 9, EHS
Marine pollutant: YES
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains "(R)-p-mentha-1,8-diene; d-limonene")

Air transport

IATA/ICAO

Packing group: III
ID number: UN 3082
Transport hazard class(es): 9, EHS
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains "(R)-p-mentha-1,8-diene; d-limonene")

15. Regulatory Information

Other regulations

Xi - Irritant.
N - Dangerous for the environment.

Chemetall (now part of BASF Group) Safety data sheet
Date / Revised: 18.12.2020
Product: **TERGO ENVIRO DEGREASER**

Version: 1.0

(30722012/SDS_GEN_NZ/EN)

Date of print 17.10.2024

sensitizing - sensitizing

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 HSR002530

Cleaning Products (Subsidiary Hazard) Group Standard 2017

16. Other Information

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.