

Safety data sheet

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Chemetall (now part of BASF Group) Safety data sheet

Date / Revised: 18.09.2024

Product: **TERGO GOLD RUSH**

Version: 2.0

(30722007/SDS_GEN_NZ/EN)

Date of print: 09.10.2024

1. Substance/preparation and manufacturer/supplier identification

Product name:
TERGO GOLD RUSH

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.2

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:



Signal Word:

Danger

Hazard Statement:

H315	Causes 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.
P264	Wash contaminated body parts thoroughly after handling.
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.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P333 + P313	If skin irritation or rash occurs: Get medical attention.
P391	Collect spillage.

Precautionary Statements (Disposal):

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

organic compounds, Water

Hazardous ingredients

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

Content (W/W): $\geq 10\%$ - $< 12.5\%$

CAS Number: 5989-27-5

Asp. 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

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

Content (W/W): $\geq 3\%$ - $< 5\%$

CAS Number: 68131-39-5

Eye Dam./Irrit.: Cat. 1
Aquatic Acute: Cat. 1
Aquatic Chronic: Cat. 3

Amides, coco, N,N-bis(hydroxyethyl)

Content (W/W): $\geq 1\%$ - $< 2\%$

CAS Number: 68603-42-9

Skin Corr./Irrit.: Cat. 2
Eye Dam./Irrit.: Cat. 2A
Aquatic Acute: Cat. 2

Eucalyptus, ext.

Content (W/W): $\geq 0.1\%$ - $< 0.2\%$

CAS Number: 92502-70-0

Flam. Liq.: Cat. 3
Skin Corr./Irrit.: Cat. 2
Eye Dam./Irrit.: Cat. 1
Skin Sens.: Cat. 1
STOT SE: Cat. 3 (drowsiness and dizziness)
STOT SE: Cat. 3 (irr. to respiratory syst.)
Aquatic Chronic: Cat. 3
Aquatic Acute: Cat. 3

4. First-Aid Measures

General advice:

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:

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.

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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, skin irritation, 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.

Hazards: Dusts may cause mechanical irritation to eyes.

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:

carbon oxides, nitrogen oxides

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:

Do not inhale dusts. 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. 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.

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Methods for cleaning up or taking up:

Avoid dust formation. Contain and collect mechanically and dispose of in accordance with local regulations. Ensure adequate ventilation.

7. Handling and Storage

Handling

Avoid dust formation. Protect against moisture. 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. 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 dust formation. 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: 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. Protect against moisture. 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.

Storage stability:

Storage temperature: < 0 °C

8. Exposure controls and personal protection

Components with occupational exposure limits

No occupational exposure limits known.

Biological Exposure Indices:

No data available.

Personal protective equipment

Respiratory protection:

Respiratory protection required if exposure limit (if available) may be exceeded (Gas filter EN 14387 A)

Hand protection:

Chemical resistant protective gloves (EN ISO 374-1)
nitrile rubber (NBR) - 0.4 mm coating thickness

butyl rubber gloves - material thickness: 0.5 mm

Performance level 6, corresponding to a breakthrough time of >480 min according to EN ISO 374-1

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

The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream).

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:

Eye wash fountains and safety showers must be easily accessible. Avoid inhalation of dusts. 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:	solid
Colour:	yellow
pH value:	not determined
Melting point:	not determined
onset of boiling:	Study technically not feasible.
Flash point:	> 99 °C not applicable, the product is a solid
Flammability (solid/gas):	not flammable
Lower explosion limit:	not applicable
Ignition temperature:	not applicable, the product is a solid
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Self heating ability:	It is not a material capable of spontaneous heating
Explosion hazard:	not explosive
Fire promoting properties:	not fire-propagating

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Vapour pressure:

(20 °C)

The product is a non-volatile solid.

(50 °C)

not determined

Density:

1.000 g/cm³

(20 °C)

Relative vapour density (air):

The product is a non-volatile solid.

Solubility in water:

dispersible

Miscibility with water:

miscible

Partitioning coefficient n-octanol/water (log Pow):

not applicable for mixtures

Viscosity, kinematic:

(23 °C)

not applicable, the product is a solid

(40 °C)

not applicable, the product is a solid

Flow time:

not applicable, the product is a solid

10. Stability and Reactivity

Conditions to avoid:

Avoid dust formation. Avoid direct sunlight. Avoid humidity.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:

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

Hazardous reactions:

Dust can form an explosive mixture with air.

No hazardous decomposition products if stored and handled as prescribed/indicated.

Chemical stability:

The product is stable if stored and handled as prescribed/indicated.

Reactivity:

No hazardous reactions if stored and handled as prescribed/indicated.

11. Toxicological Information

Routes of exposure

Assessment of acute toxicity

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

Symptoms

allergic symptoms skin irritation 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.

Irritation

Assessment of irritating effects:

Based on the ingredients, there is no suspicion of an irritating effect.

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)

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.

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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.

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:

UN number or ID number: UN 3077

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
("(R)-p-mentha-1,8-diene; d-limonene")

Transport hazard class(es): 9, EHSM

Packing group: III

Environmental hazards: yes

Special precautions for user: None known

Further information

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| Hazchem Code:2Z

IERG Number:47

Sea transport

IMDG

| UN number or ID number: UN 3077
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
("R)-p-mentha-1,8-diene; d-limonene")
Transport hazard class(es): 9, EHS
Packing group: III
Environmental hazards: yes
Marine pollutant: YES
Special precautions for user: EmS: F-A; S-F

Air transport

IATA/ICAO

| UN number or ID number: UN 3077
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
("R)-p-mentha-1,8-diene; d-limonene")
Transport hazard class(es): 9, EHS
Packing group: III
Environmental hazards: yes
Special precautions for user: None known

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 HSR002530

Cleaning Products (Subsidiary Hazard) Group Standard 2020

16. Other Information

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

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