

Version
2.0Revision Date:
07.03.2025SDS Number:
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Section 1: Identification

Product name : TERGO GOLD RUSH (20 L)

Product code : 000000000050628941

Manufacturer or supplier's details

BASF Coatings and Chemetall New Zealand Limited
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Auckland 1026
New Zealand
Telephone: 008 837 464, +64 9 820 3888
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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 : disinfectant
Restrictions on use : Uses other than recommended

Section 2: Hazard identification**GHS Classification**

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation : Category 1

Skin sensitization : Category 1

Hazardous to the aquatic environment - chronic hazard : Category 2

TERGO GOLD RUSH (20 L)

Version 2.0 Revision Date: 07.03.2025 SDS Number: 0000000000506289 Date of last issue: 24.12.2024
41 Date of first issue: 24.12.2024

GHS label elements

Hazard pictograms



Signal Word

: Danger

Hazard Statements

: 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:

P261 Avoid breathing 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/ eye protection/ face protection.

Response:

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

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

Substance / Mixture : Mixture
Chemical nature : organic compounds
Water

Components

Chemical name	CAS-No.	Concentration (% w/w)
d-Limonene	5989-27-5	>= 10 -< 12.5

TERGO GOLD RUSH (20 L)

Version	Revision Date:	SDS Number:	Date of last issue: 24.12.2024
2.0	07.03.2025	0000000000506289	Date of first issue: 24.12.2024
		41	

Alcohols, C12-15, ethoxylated, 1-2.5 EO	68131-39-5	>= 3 -< 5
glycerol	56-81-5	>= 2 -< 2.5
Amides, coco, N,N-bis(hydroxyethyl)	68603-42-9	>= 1 -< 2
2,2',2"-nitrilotriethanol	102-71-6	>= 1 -< 2
Eucalyptus, ext.	92502-70-0	>= 0.1 -< 0.2

Section 4: First-aid measures

- Consejos generales : In case of intoxication, call a poison control center or physician for treatment advice, taking the packaging or the label of the product.
Symptoms of poisoning may occur even after several hours, continue medical observation for at least 48 hours after the accident.
Keep patient warm and at rest.
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).
Immediately remove contaminated clothing.
In all cases of doubt, or when symptoms persist, seek medical attention.
Move out of dangerous area.
Never give anything by mouth to an unconscious person.
- If inhaled : Call a physician or poison control center immediately.
If symptoms persist, call a physician.
If breathed in, move person into fresh air.
If breathing is irregular or stopped, administer artificial respiration.
- In case of skin contact : If symptoms persist, call a physician.
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Do NOT use solvents or thinners.
- 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.
Call a physician immediately.
If easy to do, remove contact lens, if worn.
- If swallowed : Rinse mouth with water.
Do not induce vomiting due to aspiration hazard.
Keep at rest.
If symptoms persist, call a physician or Poison Control Center immediately.
If symptoms persist, call a physician.
Do NOT induce vomiting.
Rinse mouth.
- Most important symptoms and effects, both acute and delayed : Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.

TERGO GOLD RUSH (20 L)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	07.03.2025	0000000000506289	24.12.2024
		41	Date of first issue: 24.12.2024

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.

Notes to physician : Dusts may cause mechanical irritation to eyes.
No known specific antidote.
Treat symptomatically.

Section 5: Fire-fighting measures

Suitable extinguishing media : Water spray jet
Dry powder
Alcohol-resistant foam
Carbon dioxide (CO₂)

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire fighting : Hazardous decomposition products formed under fire conditions.

Specific extinguishing methods : In the event of fire, cool tanks with water spray.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Special protective equipment for fire-fighters : Appropriate breathing apparatus may be required.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures : Avoid breathing vapours.
Keep away from sources of ignition.
Advice on product handling can be found in sections 7 and 8 of this safety data sheet.
For non-emergency personnel:
For emergency responders:
Use personal protective equipment.
Ensure adequate ventilation, especially in confined areas.
Avoid breathing dust.

Environmental precautions : Do not allow uncontrolled discharge of product into the environment.
Avoid subsoil penetration.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Avoid dust formation.
Contain and collect mechanically and dispose of in accordance with local regulations.
Ensure adequate ventilation.

TERGO GOLD RUSH (20 L)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	07.03.2025	0000000000506289	24.12.2024
		41	Date of first issue: 24.12.2024

Section 7: Handling and storage

- Advice on protection against fire and explosion : Avoid all sources of ignition: heat, sparks, open flame. The relevant fire protection measures should be noted. Avoid dust formation.
- Advice on safe handling : Do not breathe vapors or spray mist. 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. Protect from moisture. Avoid creating dust.
- Hygiene measures : Remove contaminated clothing immediately and dispose of safely. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs.
- Further information on storage conditions : Keep away from heat. 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. Protect from moisture. Keep in a dry, cool and well-ventilated place.
- Materials to avoid : Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- Recommended storage temperature : 0 - 40 °C
- Packaging material : Suitable material: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethyleneterephthalate (PET), Polypropylene, Carbon steel (Iron), tinned carbon steel (Tinplate)

Section 8: Exposure controls/personal protection**Ingredients with workplace control parameters**

TERGO GOLD RUSH (20 L)

Version 2.0 Revision Date: 07.03.2025 SDS Number: 0000000000506289 Date of last issue: 24.12.2024
 Date of first issue: 24.12.2024
 41

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
d-Limonene	5989-27-5	WES-STEL	10 ppm 56 mg/m ³	NZ OEL
Further information: Skin sensitizer, Skin absorption				
		WES-TWA	5 ppm 28 mg/m ³	NZ OEL
Further information: Skin sensitizer, Skin absorption				
glycerol	56-81-5	WES-TWA (Mist)	10 mg/m ³	NZ OEL
2,2',2"-nitrilotriethanol	102-71-6	WES-TWA	5 mg/m ³	NZ OEL
		TWA	5 mg/m ³	ACGIH

Engineering measures : Ensure adequate ventilation.

Personal protective equipment

Protective measures : Do not breathe vapour/spray.
 If these are not sufficient to maintain concentrations at the workplace below the occupational exposure limits, appropriate certified respirators must be worn.
 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 : liquid

Color : yellow

Odor : No data available

pH : 7.5 - 8.5

Melting point/ range : not determined

Boiling point/boiling range : Study technically not feasible.

Flash point : > 99 °C

Flammability (solid, gas) : hardly combustible

Version
2.0Revision Date:
07.03.2025SDS Number:
0000000000506289
41Date of last issue: 24.12.2024
Date of first issue: 24.12.2024

Upper explosion limit / Upper
flammability limit : not determined

Lower explosion limit / Lower
flammability limit : not determined

Vapor pressure : not determined

not determined

The product is a non-volatile solid.

Relative vapor density : Heavier than air.

The product is a non-volatile solid.

Density : 1.000 g/cm³ (20 °C)

Solubility(ies)
Water solubility : not determined

Autoignition temperature : not determined

Decomposition temperature : No decomposition if stored and handled as pre-
scribed/indicated.

Viscosity
Viscosity, kinematic : 6 mm²/s (23 °C)

not determined

Flow time : < 30 s (23 °C)
Cross section: 3 mm
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 : The substance / product is marketed or used in a non solid or
granular form.

Version
2.0Revision Date:
07.03.2025SDS Number:
0000000000506289
41Date of last issue: 24.12.2024
Date of first issue: 24.12.2024

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, flames and sparks. Avoid direct sunlight. Avoid dust formation. Heat.
Incompatible materials	:	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
Hazardous decomposition products	:	No decomposition if stored and applied as directed.

Section 11: Toxicological information**Acute toxicity**

Not classified due to lack of data.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitization**Skin sensitization**

May cause an allergic skin reaction.

Respiratory sensitization

Not classified due to lack of data.

Chronic toxicity**Germ cell mutagenicity**

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

Reproductive toxicity

Not classified due to lack of data.

STOT-single exposure

Not classified due to lack of data.

STOT-repeated exposure

Not classified due to lack of data.

TERGO GOLD RUSH (20 L)

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	07.03.2025	0000000000506289	24.12.2024
		41	Date of first issue: 24.12.2024

Aspiration toxicity

Not classified due to lack of data.

Section 12: Ecological information**Ecotoxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential**Components:****d-Limonene:**

Partition coefficient: n-octanol/water	:	log Pow: 4.38 (37 °C)
		pH: 7.2
		Method: OECD Test Guideline 117

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

Partition coefficient: n-octanol/water	:	log Pow: 2.03 - 6.24 (25 °C)
		GLP: no

glycerol:

Partition coefficient: n-octanol/water	:	log Pow: -1.75 (25 °C)
		pH: 7.4
		Method: OECD Test Guideline 107

2,2',2''-nitrilotriethanol:

Partition coefficient: n-octanol/water	:	log Pow: -2.3 (25 °C)
		pH: 7.1
		Method: OECD Test Guideline 107
		GLP: no

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. Observe national and local legal requirements.
Contaminated packaging	:	Containers which are not properly emptied must be disposed

TERGO GOLD RUSH (20 L)

Version	Revision Date:	SDS Number:	Date of last issue: 24.12.2024
2.0	07.03.2025	0000000000506289	Date of first issue: 24.12.2024
		41	

pursuant to Directive 2008/98/EC
Packaging that is not properly emptied must be disposed of as
the unused product.

Section 14: Transport information**International Regulations****UNRTDG**

UN number	:	Not applicable
Proper shipping name	:	Not applicable
Class	:	Not applicable
Subsidiary risk	:	Not applicable
Packing group	:	Not applicable
Labels	:	Not applicable
Environmentally hazardous	:	no

IATA-DGR

UN/ID No.	:	Not applicable
Proper shipping name	:	Not applicable
Class	:	Not applicable
Subsidiary risk	:	Not applicable
Packing group	:	Not applicable
Labels	:	Not applicable
Packing instruction (cargo aircraft)	:	Not applicable
Packing instruction (passenger aircraft)	:	Not applicable

IMDG-Code

UN number	:	Not applicable
Proper shipping name	:	Not applicable
Class	:	Not applicable
Subsidiary risk	:	Not applicable
Packing group	:	Not applicable
Labels	:	Not applicable
EmS Code	:	Not applicable
Marine pollutant	:	Not applicable

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	:	Not applicable
Proper shipping name	:	Not applicable
Class	:	Not applicable
Subsidiary risk	:	Not applicable
Packing group	:	Not applicable
Labels	:	Not applicable

TERGO GOLD RUSH (20 L)

Version	Revision Date:	SDS Number:	Date of last issue: 24.12.2024
2.0	07.03.2025	0000000000506289 41	Date of first issue: 24.12.2024

Hazchem Code : Not applicable

Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

Section 15: Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

TRGS 401 "Risks resulting from skin contact - identification, assessment, measures"

HSNO Approval Number

HSR002530 Cleaning Products Subsidiary Hazard 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 : 07.03.2025

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

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

NZ OEL / WES-STEL : Workplace Exposure Standard - Short-Term Exposure Limit

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

TERGO GOLD RUSH (20 L)

Version	Revision Date:	SDS Number:	Date of last issue: 24.12.2024
2.0	07.03.2025	0000000000506289	Date of first issue: 24.12.2024
		41	

Standardisation; 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 Organisation 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; 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, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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

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