

## TERGO GOLD RUSH (20 L)

Version	Revision Date:	SDS Number:	Date of last issue: 18.11.2025
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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  
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 : disinfectant  
Restrictions on use : Uses other than recommended

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**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

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**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:**  
 P264 Wash skin thoroughly after handling.  
 P273 Avoid release to the environment.

**Response:**  
 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.

**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 compounds  
 Water

**Components**

Chemical name	Common Name/Synonyms	CAS-No.	Classification	Concentration (% w/w)
d-Limonene	(R)-p-mentha-1,8-diene	5989-27-5	Flammable liquids, Category 3 Skin corro-	>= 10 -< 20

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			sion/irritation, Category 2 Skin sensitization, Category 1 Aspiration hazard, Category 1 Hazardous to the aquatic environment - acute hazard, Category 1 Hazardous to the aquatic environment - chronic hazard, Category 1	
Alcohols, C12-15, ethoxylated, 1-2.5 EO	Alcohols, C12-15, ethoxylated	68131-39-5	Serious eye damage/eye irritation, Category 1 Hazardous to the aquatic environment - acute hazard, Category 1 Hazardous to the aquatic environment - chronic hazard, Category 3	>= 3 -< 10
glycerol	glycerol	56-81-5		>= 1 -< 10
Amides, coco, N,N-bis(hydroxyethyl)	Amides, coco, N,N-bis(hydroxyethyl)	68603-42-9	Skin corrosion/irritation, Category 2 Serious eye damage/eye irritation, Category 2	>= 1 -< 10
2,2',2"-nitrilotriethanol	2,2',2"-nitrilotriethanol	102-71-6		>= 1 -< 10
Eucalyptus, ext.	Eucalyptus, ext.	92502-70-0	Flammable liquids, Category 3 Skin corrosion/irritation, Category 2 Serious eye damage/eye irritation,	>= 0.1 -< 0.25

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			Category 1 Skin sensitization, Category 1 Specific target or- gan toxicity - single exposure (Respira- tory system, Cen- tral nervous sys- tem), Category 3 Hazardous to the aquatic environ- ment - chronic haz- ard, Category 3	
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**Section 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). 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	: 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. 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	: If symptoms persist, call a physician. Do NOT induce vomiting. Rinse mouth.
Most important symptoms and effects, both acute and	: Causes skin irritation. May cause an allergic skin reaction.

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delayed Causes serious eye damage.  
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 : Dry powder  
Carbon dioxide (CO<sub>2</sub>)  
Water spray  
Foam

Unsuitable extinguishing media : High volume water jet

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

Specific extinguishing methods : Cool containers/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.

Hazchem Code : 2Z

**Section 6: Accidental release measures**

Personal precautions, protective equipment and emergency procedures : 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 : If the product contaminates rivers and lakes or drains inform respective authorities.  
Avoid subsoil penetration.  
Do not allow uncontrolled discharge of product into the environment.

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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.

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**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

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Packaging material : Suitable material: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethylenetherephthalate (PET), Polypropylene, Carbon steel (Iron), tinned carbon steel (Tinplate)

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

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 <sup>3</sup>	NZ OEL
Further information: Skin sensitizer, Skin absorption				
		WES-TWA	5 ppm 28 mg/m <sup>3</sup>	NZ OEL
Further information: Skin sensitizer, Skin absorption				
glycerol	56-81-5	WES-TWA (Mist)	10 mg/m <sup>3</sup>	NZ OEL
2,2',2"-nitrilotriethanol	102-71-6	WES-TWA	5 mg/m <sup>3</sup>	NZ OEL
		TWA	5 mg/m <sup>3</sup>	ACGIH

**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.

Filter type : Organic vapor Type

Hand protection

Remarks : Hand protection not required. Skin should be washed after contact.

Eye protection : Eye protection not required.

Skin and body protection : not applicable

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.

Handle in accordance with good industrial hygiene and safety practice.

Avoid breathing dust.

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**Section 9: Physical and chemical properties**

Physical state : solid

Color : yellow

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Odor	:	No data available
Odor Threshold	:	not determined
pH	:	7.5 - 8.5
Melting point/freezing point	:	not determined
Boiling point/boiling range	:	Study technically not feasible.
Flash point	:	> 99 °C
Evaporation rate	:	not determined
Flammability (solid, gas)	:	hardly combustible
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Vapor pressure	:	not determined (20 °C) not determined (50 °C)
Relative vapor density	:	The product is a non-volatile solid. The product is a non-volatile solid.
Density	:	1.000 g/cm <sup>3</sup> (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	:	not determined (23 °C) not determined (40 °C)
Explosive properties	:	Not explosive

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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

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**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 : 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.

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**Section 11: Toxicological information****Acute toxicity**

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

**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**

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

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**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**

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

**Aspiration toxicity**

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

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**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:**

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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 : Packaging that is not properly emptied must be disposed of as the unused product.

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

UN number : UN 3077

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

Class : 9

Packing group : III

Labels : 9

Environmentally hazardous : yes

**IATA-DGR**

UN/ID No. : UN 3077

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

Class : 9

Packing group : III

Labels : Miscellaneous dangerous goods

Packing instruction (cargo aircraft) : 956

Packing instruction (passenger aircraft) : 956

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Environmentally hazardous : yes

**IMDG-Code**

UN number : UN 3077  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,  
N.O.S.  
(R)-P-MENTHA-1,8-DIENE)  
Class : 9  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F  
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 3077  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,  
N.O.S.  
("R)-p-mentha-1,8-diene; d-limonene")  
Class : 9  
Packing group : III  
Labels : 9  
Hazchem Code : 2Z  
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.

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

HSR002530 Cleaning Products Subsidiary Hazard Group Standard

**Tolerable Exposure Limits (TEL)**

Not applicable

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**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**

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**Further information**Other information : Restricted to professional users.  
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 ContaminantsACGIH / 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 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; KECl - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median

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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.

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