

**TERGO BLACKGUARD (6 X  
0,5 L)**

|         |                |                        |                                 |
|---------|----------------|------------------------|---------------------------------|
| Version | Revision Date: | SDS Number:            | Date of last issue: -           |
| 1.0     | 06.03.2025     | 0000000000506289<br>07 | Date of first issue: 06.03.2025 |

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**Section 1: Identification**

Product name : TERGO BLACKGUARD (6 X 0,5 L)  
Product code : 000000000050628907

**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 : Rust remover  
Restrictions on use : Uses other than recommended

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**Section 2: Hazard identification****GHS Classification**

Not a hazardous substance or mixture.

**GHS label elements**

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

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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.

**Section 3: Composition/information on ingredients**

|                     |   |                                                           |
|---------------------|---|-----------------------------------------------------------|
| Substance / Mixture | : | Mixture                                                   |
| Chemical nature     | : | organic compounds<br>organic solvent<br>Water<br>polymers |

**Components**

| Chemical name   | CAS-No.   | Concentration (% w/w) |
|-----------------|-----------|-----------------------|
| tannins         | 1401-55-4 | >= 3 -< 5             |
| 2-butoxyethanol | 111-76-2  | >= 2 -< 2.5           |

**Section 4: First-aid measures**

|                                                             |   |                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Consejos generales                                          | : | First aid personnel should pay attention to their own safety.<br>If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position).<br>Immediately remove contaminated clothing.<br>In all cases of doubt, or when symptoms persist, seek medical attention.<br>Move out of dangerous area.<br>Never give anything by mouth to an unconscious person. |
| If inhaled                                                  | : | If symptoms persist, call a physician.<br>If breathed in, move person into fresh air.<br>If breathing is irregular or stopped, administer artificial respiration.                                                                                                                                                                                                                                       |
| In case of skin contact                                     | : | If symptoms persist, call a physician.<br>Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.<br>Do NOT use solvents or thinners.                                                                                                                                                                                                                     |
| In case of eye contact                                      | : | If symptoms persist, call a physician.<br>In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.                                                                                                                                                                                                                      |
| If swallowed                                                | : | If symptoms persist, call a physician.<br>Do NOT induce vomiting.<br>Rinse mouth.                                                                                                                                                                                                                                                                                                                       |
| Most important symptoms and effects, both acute and delayed | : | 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                                          | : | No known specific antidote.                                                                                                                                                                                                                                                                                                                                                                             |

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Treat symptomatically.

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**Section 5: Fire-fighting measures**

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|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media                   | : Water spray jet<br>Dry powder<br>Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )                                                                                                                                                                                  |
| Unsuitable extinguishing media                 | : High volume water jet                                                                                                                                                                                                                                                         |
| Specific hazards during fire fighting          | : Fire will produce dense black smoke containing hazardous combustion products (see section 10).                                                                                                                                                                                |
| Specific extinguishing methods                 | : In the event of fire, cool tanks with water spray.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.<br>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.<br>Keep away from sources of ignition.<br>Advice on product handling can be found in sections 7 and 8 of this safety data sheet.<br>For non-emergency personnel:<br>For emergency responders:<br>Use personal protective equipment.<br>Ensure adequate ventilation, especially in confined areas. |
| Environmental precautions                                           | : Do not allow uncontrolled discharge of product into the environment.<br>Avoid subsoil penetration.<br>If the product contaminates rivers and lakes or drains inform respective authorities.                                                                                                                                |
| Methods and materials for containment and cleaning up               | : Ensure adequate ventilation.<br>Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).                                                                |
- 

**Section 7: Handling and storage**

- |                              |                                                            |
|------------------------------|------------------------------------------------------------|
| Advice on protection against | : Avoid all sources of ignition: heat, sparks, open flame. |
|------------------------------|------------------------------------------------------------|
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- fire and explosion      The relevant fire protection measures should be noted.
- Advice on safe 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.  
 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.  
 Do not breathe vapors or spray mist.
- 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      : 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.  
 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.
- Packaging material      : Suitable material: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethyleneterephthalate (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<br>(Form of exposure) | Control parameters / Permissible concentration | Basis  |
|-----------------|--------------------------------------|----------------------------------|------------------------------------------------|--------|
| 2-butoxyethanol | 111-76-2                             | WES-TWA                          | 25 ppm<br>121 mg/m3                            | NZ OEL |
|                 | Further information: Skin absorption |                                  |                                                |        |
|                 |                                      | TWA                              | 20 ppm                                         | ACGIH  |

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**Biological occupational exposure limits**

| Components      | CAS-No.  | Control parameters       | Biological specimen | Sam-pling time                                           | Permissible concentra-tion | Basis     |
|-----------------|----------|--------------------------|---------------------|----------------------------------------------------------|----------------------------|-----------|
| 2-butoxyethanol | 111-76-2 | Butoxyace-tic acid (BAA) | Urine               | End of shift (As soon as possible after exposure ceases) | 200 mg/g creatinine        | ACGIH BEI |

**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 : The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. nitrile rubber (NBR) - 0.4 mm coating thickness 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). Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Preventive skin protection

Eye protection : Safety glasses with side-shields conforming to EN166

Skin and body protection : Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

Protective measures : Do not breathe vapour/spray.  
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.

**Section 9: Physical and chemical properties**

Appearance : liquid

Color : white

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|                                                  |   |                                                                  |
|--------------------------------------------------|---|------------------------------------------------------------------|
| Odor                                             | : | No data available                                                |
| pH                                               | : | substance/mixture is non-soluble (in water)                      |
| Melting point/ range                             | : | not determined                                                   |
| Boiling point/boiling range                      | : | > 95 °C                                                          |
| Flash point                                      | : | > 99 °C                                                          |
| Flammability (liquids)                           | : | Does not sustain combustion.                                     |
| Upper explosion limit / Upper flammability limit | : | not determined                                                   |
| Lower explosion limit / Lower flammability limit | : | not determined                                                   |
| Vapor pressure                                   | : | not determined<br>not determined                                 |
| Relative vapor density                           | : | Heavier than air.<br>Lighter than air.                           |
| Density                                          | : | 1.240 g/cm <sup>3</sup> (20 °C)                                  |
| Solubility(ies)<br>Water solubility              | : | not determined                                                   |
| Autoignition temperature                         | : | not determined                                                   |
| Decomposition temperature                        | : | No decomposition if stored and handled as pre-scribed/indicated. |
| Viscosity<br>Viscosity, kinematic                | : | 6 mm <sup>2</sup> /s ( 23 °C)<br>not determined                  |
| Flow time                                        | : | < 30 s (23 °C)<br>Cross section: 3 mm<br>Method: ISO 2431        |
| 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.                                    |

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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 | : | No hazardous reactions when stored and handled according to instructions.                                              |
| Conditions to avoid                | : | Avoid direct sunlight.<br>Heat, flames and sparks.                                                                     |
| 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**

Not classified due to lack of data.

**Product:**

|                     |   |                                                                      |
|---------------------|---|----------------------------------------------------------------------|
| Acute oral toxicity | : | Acute toxicity estimate: > 2,000 mg/kg<br>Method: Calculation method |
|---------------------|---|----------------------------------------------------------------------|

**Components:****2-butoxyethanol:**

|                     |   |                                |
|---------------------|---|--------------------------------|
| Acute oral toxicity | : | LD50 (guinea pig): 1,200 mg/kg |
|---------------------|---|--------------------------------|

**Skin corrosion/irritation**

Not classified due to lack of data.

**Serious eye damage/eye irritation**

Not classified due to lack of data.

**Respiratory or skin sensitization****Skin sensitization**

Not classified due to lack of data.

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**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.

**Aspiration toxicity**

Not classified due to lack of data.

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**Section 12: Ecological information****Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential****Components:****2-butoxyethanol:**

|                                        |   |                       |
|----------------------------------------|---|-----------------------|
| Partition coefficient: n-octanol/water | : | log Pow: 0.81 (25 °C) |
|                                        |   | GLP: no               |

**Mobility in soil**

No data available

**Other adverse effects**

No data available

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**Section 13: Disposal considerations****Disposal methods**

|                        |   |                                                                                                                                                                                        |
|------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste from residues    | : | Do not discharge into drains/surface waters/groundwater.<br>Observe national and local legal requirements.                                                                             |
| Contaminated packaging | : | Containers which are not properly emptied must be disposed<br>pursuant to Directive 2008/98/EC<br>Packaging that is not properly emptied must be disposed of as<br>the unused product. |

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**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<br>aircraft)       | : | Not applicable |
| Packing instruction (passen-<br>ger 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.

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**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 |
| 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****HSNO Approval Number**

Not applicable

**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**

|               |   |            |
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**Further information**

|                   |   |                                                                                                                    |
|-------------------|---|--------------------------------------------------------------------------------------------------------------------|
| Other information | : | For multi-pack systems observe material safety data sheets of all components.<br>Restricted to professional users. |
|-------------------|---|--------------------------------------------------------------------------------------------------------------------|

|             |   |            |
|-------------|---|------------|
| Date format | : | dd.mm.yyyy |
|-------------|---|------------|

**Full text of other abbreviations**

|       |   |                                         |
|-------|---|-----------------------------------------|
| ACGIH | : | USA. ACGIH Threshold Limit Values (TLV) |
|-------|---|-----------------------------------------|

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| ACGIH BEI        | : ACGIH - Biological Exposure Indices (BEI)                              |
| 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                    |

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 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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