

## Safety data sheet

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Chemetall (now part of BASF Group) Safety data sheet

Date / Revised: 04.02.2020

Product: **TERGOSTRIP B/O**

Version: 1.0

(30722489/SDS\_GEN\_AU/EN)

Date of print 09.04.2020

### 1. Substance/preparation and manufacturer/supplier identification

#### **TERGOSTRIP B/O**

Recommended use: Colour remover

Not recommended use: None known

Manufacturer/supplier:

Chemetall (New Zealand) Ltd  
664 Rosebank Road Avondale,  
Auckland 1026  
NEW ZEALAND

Contact address:

BASF Australia Limited (ABN 62 008 437 867)  
Level 12, 28 Freshwater Place Southbank  
Victoria 3006  
AUSTRALIA  
Telephone: +61 3 8855-6600  
Telefax number: +61 3 8855-6511

Emergency information:

Telephone: +61 3 9663 2130

### 2. Hazard identification

Classification of the substance and mixture:

Acute toxicity: Cat. 4 (oral)

Acute toxicity: Cat. 5 (Inhalation - vapour)

Skin corrosion/irritation: Cat. 1B

Serious eye damage/eye irritation: Cat. 1

Germ cell mutagenicity: Cat. 2

Carcinogenicity: Cat. 2

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Specific target organ toxicity — single exposure: Cat. 3 (Vapours may cause drowsiness and dizziness.)

Hazardous to the aquatic environment - acute: Cat. 3

Hazardous to the aquatic environment - chronic: Cat. 3

Label elements and precautionary statement:

Pictogram:



Signal Word:

Danger

Hazard Statement:

H314	Causes severe skin burns and eye damage.
H333	May be harmful if inhaled.
H302	Harmful if swallowed.
H412	Harmful to aquatic life with long lasting effects.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H341	Suspected of causing genetic defects.

Precautionary Statements (Prevention):

P280	Wear protective gloves, protective clothing and eye protection or face protection.
P271	Use only outdoors or in a well-ventilated area.
P201	Obtain special instructions before use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P260	Do not breathe dust or mist.
P270	Do not eat, drink or smoke when using this product.
P202	Do not handle until all safety precautions have been read and understood.
P264	Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P304 + P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303 + P361 + P353	IF ON SKIN (or hair): Remove or Take off immediately all contaminated clothing. Rinse skin with water or shower.
P301 + P330 + P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P363	Wash contaminated clothing before reuse.

Precautionary Statements (Storage):

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P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.

**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

#### Hazardous ingredients

phenol

Content (W/W):  $\geq 3\%$  -  $< 5\%$   
 CAS Number: 108-95-2

Acute Tox.: Cat. 3 (oral)  
 Acute Tox.: Cat. 3 (Inhalation - mist)  
 Acute Tox.: Cat. 3 (dermal)  
 Skin Corr./Irrit.: Cat. 1B  
 Eye Dam./Irrit.: Cat. 1  
 Muta.: Cat. 2  
 STOT RE: Cat. 2  
 Aquatic Acute: Cat. 2  
 Aquatic Chronic: Cat. 2

Dichloromethane; Methylene Chloride

Content (W/W):  $\geq 75\%$  -  $\leq 100\%$   
 CAS Number: 75-09-2

Skin Corr./Irrit.: Cat. 2  
 Carc.: Cat. 2  
 STOT SE (Central nervous system): Cat. 3  
 (drowsiness and dizziness)  
 Eye Dam./Irrit.: Cat. 2A

formic acid

Content (W/W):  $\geq 5\%$  -  $< 7\%$   
 CAS Number: 64-18-6

Flam. Liq.: Cat. 3  
 Acute Tox.: Cat. 3 (Inhalation - vapour)  
 Acute Tox.: Cat. 4 (oral)  
 Skin Corr./Irrit.: Cat. 1A  
 Eye Dam./Irrit.: Cat. 1

Benzenesulfonic acid, C10-16-alkyl derivs.

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Content (W/W): $\geq 0.3\%$ - $< 0.5\%$	Acute Tox.: Cat. 4 (oral)
CAS Number: 68584-22-5	Eye Dam./Irrit.: Cat. 1
	Aquatic Acute: Cat. 1
	Aquatic Chronic: Cat. 1
	Skin Corr./Irrit.: Cat. 1C

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#### 4. First-Aid Measures

**General advice:**

First aid personnel should pay attention to their own safety. Remove affected person from danger area. Immediately remove contaminated clothing. In case of intoxication, call a poison control center or physician for treatment advice, taking the packaging or the label of the product.

**If inhaled:**

Remove the affected individual into fresh air and keep the person calm. If symptoms persist, seek medical advice.

**On skin contact:**

Wash affected areas thoroughly with soap and water. Immediate medical attention required.

**On contact with eyes:**

Rinse immediately with plenty of water, also under the eyelids, for at least 30 minutes. Immediate medical attention required.

**On ingestion:**

Rinse mouth immediately with water. Do not induce vomiting. Summon medical aid without delay.

**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.

Hazards: May cause severe burns of the mouth and throat if orally ingested, as well as a danger of perforation of the oesophagus and the stomach.

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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#### 5. Fire-Fighting Measures

**Suitable extinguishing media:**

carbon dioxide, dry powder, alcohol-resistant foam, water spray

**Unsuitable extinguishing media for safety reasons:**

water jet

**Specific hazards:**

carbon oxides, chlorine compounds

**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.

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## 6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. 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:

Ensure adequate ventilation. 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.

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## 7. Handling and Storage

### Handling

Do not return residues to the storage containers. Provide good ventilation of working area (local exhaust ventilation if necessary). 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. Keep away from food, drink and animal feeding stuffs. Warn users about safety measures and precautions to prevent accidents.

Protection against fire and explosion:

Keep away from sources of ignition - No smoking. The relevant fire protection measures should be noted.

### Storage

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: The entrance to storage rooms is to be granted only to appropriately trained personnel. Keep only in the original container. Keep container tightly closed in a cool, well-ventilated place. Avoid direct sunlight. avoid contact with metals Protect from frost.

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## 8. Exposure controls and personal protection

### Components with occupational exposure limits

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phenol, 108-95-2;

TWA value 5 ppm (ACGIHTLV)  
Skin Designation (ACGIHTLV)  
The substance can be absorbed through the skin.  
TWA value 4 mg/m<sup>3</sup> ; 1 ppm (AU NOEL)  
Skin Designation (AU NOEL)  
The substance can be absorbed through the skin.

Dichloromethane; Methylene Chloride, 75-09-2;

TWA value 50 ppm (ACGIHTLV)  
TWA value 174 mg/m<sup>3</sup> ; 50 ppm (AU NOEL)  
Skin Designation (AU NOEL)  
The substance can be absorbed through the skin.

formic acid, 64-18-6;

TWA value 5 ppm (ACGIHTLV)  
STEL value 10 ppm (ACGIHTLV)  
TWA value 9.4 mg/m<sup>3</sup> ; 5 ppm (AU NOEL)  
STEL value 19 mg/m<sup>3</sup> ; 10 ppm (AU NOEL)  
TWA value 9.4 mg/m<sup>3</sup> ; 5 ppm (OEL (AU))  
STEL value 19 mg/m<sup>3</sup> ; 10 ppm (OEL (AU))

#### Personal protective equipment

##### Respiratory protection:

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

##### Hand protection:

Chemical resistant protective gloves (EN 374)

chloroprene rubber (Neoprene)

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).

##### 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:

Handle in accordance with good industrial hygiene and safety practice. Eye wash fountains and safety showers must be easily accessible. Avoid contact with the skin, eyes and clothing. Take off immediately all contaminated clothing. Keep away from food, drink and animal feeding stuffs. Hands and/or face should be washed before breaks and at the end of the shift.

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## 9. Physical and Chemical Properties

Form: liquid  
Colour: opaque

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Odour:	ether-like
pH value:	< 2.0 (20 °C) (undiluted)
Melting point:	not determined
onset of boiling:	> 48 °C
Flash point:	> 99 °C
Flammability (solid/gas):	hardly combustible
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:	1.200 g/cm <sup>3</sup> (20 °C)
Miscibility with water:	miscible
Viscosity, kinematic:	684.3 mm <sup>2</sup> /s (20 °C)  (40 °C) not determined
Flow time:	> 99 s  (DIN EN ISO 2431; 6 mm)

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## 10. Stability and Reactivity

Conditions to avoid:  
Avoid freezing. Avoid heat.

Substances to avoid:  
strong oxidizing agents

**Hazardous reactions:**

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

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.

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## 11. Toxicological Information

### Acute toxicity

**Assessment of acute toxicity:**

Virtually nontoxic by inhalation. Of moderate toxicity after single ingestion.

**Information on: formic acid****Experimental/calculated data:**

LD50 rat (oral): 730 mg/kg (OECD Guideline 401)

**Information on: phenol****Experimental/calculated data:**

LD50 rat (dermal): 660 mg/kg (similar to OECD guideline 402)

Literature data. The European Union (EU) has classified this substance as 'toxic'.

### Irritation

**Assessment of irritating effects:**

Corrosive! Damages skin and eyes. May cause severe damage to the eyes.

### Respiratory/Skin sensitization

**Assessment of sensitization:**

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

### Germ cell mutagenicity

**Assessment of mutagenicity:**

Mutagenic properties can not be excluded on the basis of experimental data.

### Carcinogenicity

**Assessment of carcinogenicity:**

Indication of possible carcinogenic effect in animal tests.

### Reproductive toxicity

**Assessment of reproduction toxicity:**

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

### Developmental toxicity



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Assessment of teratogenicity:

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

**Specific target organ toxicity (single exposure):**

Assessment of STOT single:

Possible narcotic effects (drowsiness or dizziness).

**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.

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**12. Ecological Information****Ecotoxicity**

Assessment of aquatic toxicity:

Harmful to aquatic life. Harmful 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 (H<sub>2</sub>O):

Biological degradability of hazardous substances mentioned in section 3:

Information on: phenol

Elimination information:

85 % BOD of the ThOD (28 d) (OECD 301C; ISO 9408; 92/69/EEC, C.4-F) (aerobic, Inoculum conforming to MITI requirements (OECD 301C)) Readily biodegradable.  
-----**Bioaccumulation potential**

Bioaccumulation potential:

No data available.

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**13. Disposal Considerations**

Observe national and local legal requirements.

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Contaminated packaging:  
Containers which are not properly emptied must be disposed pursuant to Directive 2008/98/EC  
Contaminated packaging should be emptied as far as possible and disposed of in the same manner  
as the substance/product.

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## 14. Transport Information

### Domestic transport:

Packing group: II  
ID number: UN 2927  
Transport hazard class(es): 6.1, 8  
Proper shipping name: TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S. (contains  
DICHLOROMETHANE, PHENOL)

### Further information

Hazchem Code:2X  
IERG Number:36

### Sea transport

IMDG

Packing group: II  
ID number: UN 2927  
Transport hazard class(es): 6.1, 8  
Marine pollutant: NO  
Proper shipping name: TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S. (contains  
DICHLOROMETHANE, PHENOL)

### Air transport

IATA/ICAO

Packing group: II  
ID number: UN 2927  
Transport hazard class(es): 6.1, 8  
Proper shipping name: TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S. (contains  
DICHLOROMETHANE, PHENOL)

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## 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.

**Registration status:**

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AICS, AU

released / listed

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## 16. Other Information

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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.