

Safety data sheet

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Chemetall (now part of BASF Group) Safety data sheet

Date / Revised: 15.10.2020

Product: **TR WASH**

Version: 1.0

(30722493/SDS_GEN_NZ/EN)

Date of print 12.08.2021

1. Substance/preparation and manufacturer/supplier identification

TR WASH

Recommended use: Detergents

Not recommended use: None known

Manufacturer/supplier:

Chemetall (New Zealand) Ltd
664 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. 1C

Serious eye damage/eye irritation: Cat. 1

Hazardous to the aquatic environment - acute: Cat. 2

Hazardous to the aquatic environment - chronic: Cat. 2

Label elements and precautionary statement:

Pictogram:

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Signal Word:
 Danger

Hazard Statement:

H314 Causes severe skin burns and 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.
 P264 Wash contaminated body parts thoroughly after handling.
 P260 Do not breathe dust or mist.

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.
 P363 Wash contaminated clothing before reuse.
 P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
 P303 + P361 + P353 IF ON SKIN (or hair): Remove or Take off immediately all contaminated clothing. Rinse skin with water or shower.
 P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P391 Collect spillage.

Precautionary Statements (Storage):

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:

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria. 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, inorganic, aqueous solution

Hazardous ingredients

Benzenesulfonic acid, C10-16-alkyl derivs. Content (W/W): $\geq 5\%$ - $< 7\%$ CAS Number: 68584-22-5	Acute Tox.: Cat. 4 (oral) Eye Dam./Irrit.: Cat. 1 Aquatic Acute: Cat. 1 Aquatic Chronic: Cat. 1 Skin Corr./Irrit.: Cat. 1C
Benzene, C10-16-alkyl derivs. Content (W/W): $\geq 0.1\%$ - $< 0.2\%$ CAS Number: 68648-87-3	Aquatic Acute: Cat. 1 Aquatic Chronic: Cat. 1
sodium lauryl ether sulfate Content (W/W): $\geq 2\%$ - $< 2.5\%$ CAS Number: 9004-82-4	Skin Corr./Irrit.: Cat. 2 Aquatic Chronic: Cat. 4 Eye Dam./Irrit.: Cat. 2A Aquatic Acute: Cat. 2

4. First-Aid Measures

General advice:

Immediately remove contaminated clothing. First aid personnel should pay attention to their own safety. Remove affected person from danger area.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. If breathing is irregular or stopped, administer artificial respiration.

On skin contact:

Flush with copious amounts of water for at least 15 minutes. Immediate medical attention required.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. Immediate medical attention required. Remove contact lenses, if present.

On ingestion:

Rinse mouth immediately with water. 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.

Treatment: Symptomatic treatment (decontamination, vital functions).

Antidote: No known specific antidote.

5. Fire-Fighting Measures

Suitable extinguishing media:

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

Unsuitable extinguishing media for safety reasons:
water jet

Specific hazards:
sulfur oxides, phosphorus oxides, carbon 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:
Use personal protective clothing. Avoid breathing vapours. Keep away from sources of ignition. Ensure adequate ventilation. 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:
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. Ensure adequate ventilation.

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 skin and eyes. Keep away from food, drink and animal feeding stuffs. Warn users about safety measures and precautions to prevent accidents.

Protection against fire and explosion:
Avoid all sources of ignition: heat, sparks, open flame. 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 in a cool, well-ventilated place. Protect from frost. Avoid direct sunlight.

8. Exposure controls and personal protection

Components with occupational exposure limits

2,2',2"-nitrilotriethanol, 102-71-6;
TWA value 5 mg/m³ (ACGIHTLV)
TWA value 5 mg/m³ (OEL (NZ))

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. (Combination filter EN 14387 AB)

Hand protection:

Chemical resistant protective gloves (EN 374)

Use suitable protective gloves made of nitrile rubber or butyl rubber. Please observe the glove manufacturer's instructions on permeability and rupture times as well as the specific workplace conditions.

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:

Do not breathe vapour/spray. Eye wash fountains and safety showers must be easily accessible. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. 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:	liquid
Colour:	blue cloudy
Odour:	odourless

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pH value:	< 10.0	
Melting point:	not determined	
onset of boiling:	> 100 °C	
Flash point:	> 99 °C	
Evaporation rate:	not determined	
Flammability (solid/gas):	hardly combustible	
Lower explosion limit:	not determined	
Upper 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:	1.100 g/cm ³ (20 °C)	
Relative vapour density (air):	not determined	
Solubility in water:	soluble	
Miscibility with water:	miscible	
Viscosity, kinematic:	684.3 mm ² /s (20 °C)	
	(40 °C) not determined	
Flow time:	> 99 s	(DIN EN ISO 2431; 6 mm)

10. Stability and Reactivity

Conditions to avoid:
Avoid direct sunlight.

Substances to avoid:
None known during use and storage if used according to instructions.

Hazardous reactions:
No hazardous reactions when stored and handled according to instructions.

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

11. Toxicological Information

Acute toxicity

Assessment of acute toxicity:
Based on available Data, the classification criteria are not met.

Respiratory/Skin sensitization

Assessment of sensitization:
Based on available Data, the classification criteria are not met.

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):

Assessment of STOT single:
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.

Aspiration hazard

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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

Observe national and local legal requirements.

14. Transport Information

Domestic transport:

Packing group:	III
ID number:	UN 1760
Transport hazard class(es):	8, EHSM
Proper shipping name:	CORROSIVE LIQUID, N.O.S. (contains Benzenesulfonic acid, C10-16-alkyl derivs.)

Further information

Hazchem Code:2X

IERG Number:37

Sea transport

IMDG

Packing group:	III
ID number:	UN 1760
Transport hazard class(es):	8, EHSM

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Marine pollutant: YES
Proper shipping name: CORROSIVE LIQUID, N.O.S. (contains Benzenesulfonic acid, C10-16-alkyl derivs.)

Air transport

IATA/ICAO

Packing group: III
ID number: UN 1760
Transport hazard class(es): 8
Proper shipping name: CORROSIVE LIQUID, N.O.S. (contains Benzenesulfonic acid, C10-16-alkyl derivs.)

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 2017

16. Other Information

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.