

Safety data sheet

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Chemetall (now part of BASF Group) Safety data sheet

Date / Revised: 19.12.2019

Product: **BLUE RIBBON**

Version: 1.0

(30722126/SDS_GEN_NZ/EN)

Date of print 21.10.2020

1. Substance/preparation and manufacturer/supplier identification

BLUE RIBBON

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:

Telephone: 0800 734 607

2. Hazard identification

Classification of the substance and mixture:

Acute toxicity: Cat. 5 (oral)

Skin corrosion/irritation: Cat. 2

Serious eye damage/eye irritation: Cat. 1

Label elements and precautionary statement:

Pictogram:



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Signal Word:

Danger

Hazard Statement:

H303 May be harmful if swallowed.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.

Precautionary Statements (Prevention):

P264 Wash contaminated body parts thoroughly after handling.
 P280 Wear protective gloves, protective clothing and eye protection or face protection.

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.
 P332 + P313 If skin irritation occurs: Get medical advice/attention.
 P362 + P364 Take off contaminated clothing and wash it before reuse.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P310 Immediately call a POISON CENTER or doctor/physician.

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, inorganic

Hazardous ingredients

sodium carbonate

Content (W/W): >= 75 % - <= 100 %
 Acute Tox.: Cat. 5 (oral)
 Eye Dam./Irrit.: Cat. 2B
 CAS Number: 497-19-8

Silicic acid (H₂SiO₃), disodium salt

Content (W/W): >= 1 % - < 2 %
 Skin Corr./Irrit.: Cat. 1B
 Eye Dam./Irrit.: Cat. 1
 STOT SE: Cat. 3 (irr. to respiratory syst.)
 CAS Number: 6834-92-0

Reaction product of Benzenesulfonic acid, 4-C 10-13-sec-alkylderivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxi

Content (W/W): >= 1 % - < 2 %
 Skin Corr./Irrit.: Cat. 2
 Eye Dam./Irrit.: Cat. 1
 Aquatic Chronic: Cat. 3

Propylheptanoethoxilate

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Content (W/W): $\geq 1\%$ - $< 2\%$ Eye Dam./Irrit.: Cat. 1
CAS Number: 160875-66-1

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. 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. Immediate medical attention required.

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.

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.

5. Fire-Fighting Measures

Suitable extinguishing media:

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

Unsuitable extinguishing media for safety reasons:

water jet

Specific hazards:

carbon oxides

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 dust formation. 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 spillages with a protected vacuum cleaner or by wet brushing and place in a closed container for disposal in accordance with the waste regulations. Do not use a dry brush as dust clouds or static can be created.

7. Handling and Storage

Handling

Do not return residues to the storage containers. Avoid dust formation. Provide good ventilation of working area (local exhaust ventilation if necessary). 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:

The substance/product is non-combustible. The relevant fire protection measures should be noted.

Storage

Segregate from acids.

Suitable materials for containers: Carbon steel (Iron), tinned carbon steel (Tinplate), High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethylenetherephtalate (PET), Polypropylene (PP)

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. Protect against moisture. Avoid direct sunlight. Avoid contact with amphoteric metals (e.g. aluminium, lead, zinc).

8. Exposure controls and personal protection

Components with occupational exposure limits

No occupational exposure limits known.

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. (Particle filter EN 143 P2 or FFP2)

Hand protection:

Chemical resistant protective gloves (EN 374)

Further information on penetration time is available from the manufacturer of the glove.

The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream).

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.

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. Do not breathe dust. 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.

9. Physical and Chemical Properties

Form:	solid
Colour:	blue
Odour:	No data available.
pH value:	11.0 (100.00000 g/l)
Melting point:	not determined
onset of boiling:	not determined
Flash point:	not applicable
Flammability (solid/gas):	not flammable
Lower explosion limit:	not applicable
Ignition temperature:	not applicable
Self heating ability:	It is not a substance capable of spontaneous heating.
Explosion hazard:	not explosive

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Fire promoting properties: not fire-propagating

Vapour pressure:

(20 °C)
not determined

(50 °C)
not determined

Density: 1.000 g/cm³
(20 °C)

Solubility in water: soluble

Miscibility with water: miscible

Viscosity, kinematic:

(20 °C)
not applicable

(40 °C)
not applicable

Flow time:

not applicable

10. Stability and Reactivity

Conditions to avoid:
Avoid humidity.

Substances to avoid:
acids, light metals

Hazardous reactions:
In reaction with acids exothermic reaction.

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.

11. Toxicological Information

Acute toxicity

Assessment of acute toxicity:
Of low toxicity after single ingestion.

Irritation

Assessment of irritating effects:

Skin contact causes irritation. 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:

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

No aspiration hazard expected.

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:

There are no test results available for this product. Do not allow to enter drains or waterways. Based on available Data, the classification criteria are not met.

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.

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.

14. Transport Information

Domestic transport:

Not classified as a dangerous good under transport regulations

Sea transport IMDG

Not classified as a dangerous good under transport regulations

Air transport IATA/ICAO

Not classified as a dangerous good under transport regulations

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.

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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.