

Safety data sheet

Page: 1/10

Chemetall (now part of BASF Group) Safety data sheet

Date / Revised: 17.10.2020

Product: **ELECTROSOL STD**

Version: 1.0

(30722247/SDS_GEN_NZ/EN)

Date of print 19.10.2020

1. Substance/preparation and manufacturer/supplier identification

ELECTROSOL STD

Recommended use: Detergents

Not recommended use: Uses other than recommended

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:

Skin corrosion/irritation: Cat. 2

Aspiration hazard: Cat. 1

Carcinogenicity: Cat. 2

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

Hazardous to the aquatic environment - chronic: Cat. 2

Serious eye damage/eye irritation: Cat. 2A

Label elements and precautionary statement:

Pictogram:



Signal Word:
 Danger

Hazard Statement:

H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.
 H351 Suspected of causing cancer.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

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

Precautionary Statements (Response):

P312 Call a POISON CENTER or physician if you feel unwell.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P391 Collect spillage.
 P331 Do NOT induce vomiting.
 P308 + P313 IF exposed or concerned: Get medical attention.
 P337 + P313 If eye irritation persists: Get medical attention.
 P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P332 + P313 If skin irritation occurs: Get medical attention.
 P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or physician.
 P362 + P364 Take off contaminated clothing and wash it before reuse.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

Precautionary Statements (Storage):

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 solvent

Hazardous ingredients

Dichloromethane; Methylene Chloride

Content (W/W): $\geq 7\%$ - $< 10\%$
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

Naphtha (petroleum), hydrodesulfurized heavy

Content (W/W): $\geq 75\%$ - $\leq 100\%$
CAS Number: 64742-82-1

Asp. Tox.: Cat. 1
Flam. Liq.: Cat. 3
STOT SE: Cat. 3 (drowsiness and dizziness)
Aquatic Chronic: Cat. 2
Skin Corr./Irrit.: Cat. 3

Tetrachloroethene

Content (W/W): $\geq 5\%$ - $< 7\%$
CAS Number: 127-18-4

Acute Tox.: Cat. 4 (Inhalation - vapour)
Skin Corr./Irrit.: Cat. 2
Carc.: Cat. 2
STOT RE: Cat. 2
Aquatic Chronic: Cat. 2
Acute Tox.: Cat. 5 (oral)
Eye Dam./Irrit.: Cat. 2A

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). Remove affected person from danger area. Keep warm, calm and covered up. Immediately remove contaminated clothing. Never give anything by mouth to an unconscious person. In case of intoxication, call a poison control center or physician for treatment advice, taking the packaging or the label of the product. Symptoms of poisoning may occur even after several hours, continue medical observation for at least 48 hours after the accident.

If inhaled:

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

On skin contact:

If symptoms persist, seek medical advice. Remove contaminated clothing. Wash skin with soap and water, rinse abundantly. Do NOT use solvents or thinners.

Chemetall (now part of BASF Group) Safety data sheet
Date / Revised: 17.10.2020
Product: **ELECTROSOL STD**

Version: 1.0

(30722247/SDS_GEN_NZ/EN)

Date of print 19.10.2020

On contact with eyes:

Remove contact lenses, if present. 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:

Summon medical aid without delay. Do not induce vomiting due to aspiration hazard. Rinse mouth immediately with water. Keep at rest.

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:

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

Unsuitable extinguishing media for safety reasons:

water jet

Specific hazards:

chlorine compounds, carbon oxides

Fire will produce dense black smoke. Inhalation of dangerous decomposition products may cause serious damage to health.

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

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. 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. Handle in accordance with good industrial hygiene and safety practice.

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: 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.

8. Exposure controls and personal protection

Components with occupational exposure limits

Dichloromethane; Methylene Chloride, 75-09-2;
TWA value 50 ppm (ACGIHTLV)
TWA value 174 mg/m³ ; 50 ppm (OEL (NZ))

Personal protective equipment

Respiratory protection:

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

Hand protection:

chloroprene rubber (Neoprene)

Chemical resistant protective gloves (EN 374)

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:
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. This can be achieved by the use of local exhaust ventilation and good general extraction. Ensure adequate ventilation. 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:	colourless
Odour:	No data available.
pH value:	not determined
Melting point:	not determined
onset of boiling:	> 40 °C
Flash point:	not applicable
Flammability (solid/gas):	not applicable
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:	0.840 g/cm ³ (20 °C)
Solubility in water:	insoluble

Miscibility with water:
miscible

10. Stability and Reactivity

Conditions to avoid:

Avoid direct sunlight. When exposed to naked flames or hot surfaces (above 120 °C) the product will decompose, forming highly irritating substances.

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.

In case of fire may produce hydrogen halide vapours., 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.

Irritation

Assessment of irritating effects:

The liquid splashed in the eyes may cause irritation and reversible damage. Eye contact causes irritation. Skin contact causes irritation.

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:

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

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

May also damage the lung at swallowing (aspiration hazard).

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:
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.

Contaminated packaging:
Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

Chemetall (now part of BASF Group) Safety data sheet
Date / Revised: 17.10.2020
Product: **ELECTROSOL STD**

Version: 1.0

(30722247/SDS_GEN_NZ/EN)

Date of print 19.10.2020

14. Transport Information

Domestic transport:

Packing group: III
ID number: UN 3082
Transport hazard class(es): 9, EHS
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (contains Naphtha (petroleum), hydrodesulfurized heavy)

Further information

Hazchem Code:3Z
IERG Number:47

Sea transport

IMDG

Packing group: III
ID number: UN 3082
Transport hazard class(es): 9, EHS
Marine pollutant: YES
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (contains Naphtha (petroleum), hydrodesulfurized heavy)

Air transport

IATA/ICAO

Packing group: III
ID number: UN 3082
Transport hazard class(es): 9, EHS
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (contains Naphtha (petroleum), hydrodesulfurized heavy)

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 HSR002531
Cleaning Products (Toxic [6.7]) Group Standard 2017

Chemetall (now part of BASF Group) Safety data sheet
Date / Revised: 17.10.2020
Product: **ELECTROSOL STD**

Version: 1.0

(30722247/SDS_GEN_NZ/EN)

Date of print 19.10.2020

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.