

# SAFETY DATA SHEET

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REVISION DATE: 12/11/1999

REF: SWAS

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product name:** SAFEWASH S - INHIBITED SAFEWASH SUPER  
**Product code:** SWAS  
**Supplier:** ELECTROLUBE  
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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Identification of the preparation** (REF. 16. OTHER INFORMATION )

Chemical Name	CAS-No	EC-No	Class	Weight %
ETHANOLAMINE	141-43-5	205-483-3	Xn; R20 Xi; R36/37/38	<5
Non hazardous material	-	-	-	>95

## 3. HAZARDS IDENTIFICATION

**Most important hazards:** Non hazardous  
**Specific hazards** Solvents may degrease the skin. Prolonged skin contact may cause skin irritation and/or dermatitis. Contact with eyes may cause irritation.

## 4. FIRST AID MEASURES

**General advice:** Show this safety data sheet to the doctor in attendance.  
**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.  
**Skin contact:** Wash off with soap and plenty of water.  
**Eye contact:** Flush eye(s) immediately with plenty of water. If eye irritation persists, consult a specialist.  
**Ingestion:** Clean mouth with water and drink afterwards plenty of water. Consult a physician if necessary.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Extinguish with waterspray, dry chemical or alcohol foam  
**Extinguishing media which must not be used for safety reasons:** Not applicable  
**Specific hazards:** Standard procedure for chemical fires  
**Special protective equipment for firefighters:** Wear self contained breathing apparatus for fire fighting if necessary  
**Specific methods:** Not applicable

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Not applicable  
**Environmental precautions:** No special environmental precautions required  
**Methods for cleaning up:** Dilute with water. Wipe up with absorbent material (e.g. cloth, fleece)

## 7. HANDLING AND STORAGE

**Handling:** When using, do not eat, drink or smoke. Avoid contact with the skin and the eyes.  
**Storage:** Keep containers tightly closed in a cool, well-ventilated place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Chemical Name:** ETHANOLAMINE  
**National occupational exposure limits:** HSC(EH40)

Long term (8 hrs) = 3ppm/7.9mg/m<sup>3</sup>  
Short term (15 min) = 6ppm/15mg/m<sup>3</sup>

Non hazardous material -

**Engineering measures:** Ensure adequate ventilation

**Personal protection equipment:**

- **Respiratory protection:** No personal respiratory protective equipment normally required
- **Hand protection:** not required under normal use
- **Eye protection:** not required under normal use
- **Skin and body protection:** not required under normal use

**Hygiene measures:** When using, do not eat, drink or smoke

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	liquid		
<b>Colour:</b>	blue		
<b>Odour:</b>	mild		
<b>pH:</b>	( 20 °C)	11 - 13	
<b>Boiling point/range:</b>		100	°C
<b>Flash point:</b>		does not flash	°C
<b>Vapour pressure:</b>	( 20 °C)	< 1.3 (MELA)	hPa
<b>Relative density:</b>	( 20 °C)	>= 0.99 <= 1.10	
<b>Solubility:</b>			
<b>Water solubility</b>	( 20 °C)	completely miscible	(g/l)
<b>Viscosity:</b>	( 15 °C)	5 - 10	mPa.s

## 10. STABILITY AND REACTIVITY

**Stability:** Stable. Incompatible with strong acids and oxidizing agents.  
**Conditions to avoid:**  
**Materials to avoid:** strong acids and oxidizing agents  
**Hazardous decomposition products:** No decomposition if stored and applied as directed

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Ethanolamine: LD50/oral/rat = 1.7 - 2.7 g/kg  
**Local effects:** Prolonged skin contact may cause skin irritation and/or dermatitis.  
Contact with eyes may cause irritation  
**Sensitization:** Not applicable  
**Long term toxicity:** Did not show carcinogenic, teratogenic or mutagenic effects in animal experiments  
**Chronic toxicity:** Not applicable

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SUPER**

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## 12. ECOLOGICAL INFORMATION

**Mobility:**

**Persistence and degradability:** Readily biodegradable, according to appropriate OECD test

**Bioaccumulation:** Not applicable

**Ecotoxicity effects:** Not applicable

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** No special precautions required

**Contaminated packaging:** Offer rinsed packaging material to local recycling facilities

## 14. TRANSPORT INFORMATION

**Proper shipping name** Not classified as dangerous in the meaning of transport regulations.

## 15. REGULATORY INFORMATION

**Classification according to European directive on classification of hazardous preparations 90/492/EEC**

- **Contains:**

- **Symbol(s):**

**R-phrase(s):**

**S-phrase(s):** S2 - Keep out of reach of children. S3 - Keep in a cool place.

## 16. OTHER INFORMATION

**Revision number:** 2

**Further information:** CN no: 34029090.

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Department: Technical

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.