

# SAFETY DATA SHEET

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PRINT DATE: 06/08/1997

REF: SWA400H,  
SWA400S

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

**Product name:** SAFEWASH 2000  
**Product code:** SWA400H, SWA400S  
**Supplier:** ELECTROLUBE  
H.K. Wentworth Ltd.,  
Wentworth House, Blakes Road,  
Wargrave, Berkshire, RG10 8AW, United Kingdom.  
**Emergency telephone number:** 0118 9404031 **Fax No:** 0118 9403084

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Identification of the preparation

Chemical Name	CAS-No	EEC-No	Class	Weight %
ETHANOLAMINE	141-43-5	603-030-00-8	Xn; R20 Xi; R36/37/38	<10
METHOXYPROPOXYPROPANOL	34590-94-8	-	R10	<10
BUTANE	106-97-8	203-448-7	F+; R12	5
Non hazardous material	-	-	-	>75

## 3. HAZARDS IDENTIFICATION

**Most important hazards:** Non hazardous.  
**Specific hazards:** Aerosol dispensers, compressed liquefied gas. High concentration of vapours may induce unconsciousness / narcosis. May cause skin irritation and/or dermatitis.

## 4. FIRST AID MEASURES

**General advice:** Remove from exposure, lie down.  
**Inhalation:** Move to fresh air  
**Skin contact:** Wash off immediately with soap and plenty of water. Treat frostbitten areas as needed  
**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 carbon dioxide, dry chemical, foam or waterspray.

**Extinguishing media which must not be used for safety reasons:**

Not applicable.

**Specific hazards:** Not applicable.

**Special protective equipment for firefighters:**

Wear self contained breathing apparatus for fire fighting if necessary

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear suitable gloves and eye/face protection

**Environmental precautions:** No special environmental precautions required.

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**Methods for cleaning up:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

**Handling:** Use only in well-ventilated areas. Avoid contact with the skin and the eyes. Do not breathe vapours or spray mist. When using, do not eat, drink or smoke.

**Storage:** Keep containers tightly closed in a cool, well-ventilated place < 45°C

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name:	National occupational exposure limits:
ETHANOLAMINE	
METHOXYPROPOXYPROPANOL	Long term (8 hrs) = 100 ppm
BUTANE	Long term (8 hrs) = 600 ppm Short term (15 min) = 750 ppm
Non hazardous material	-

### Engineering measures

Ensure adequate ventilation, especially in confined areas.

### Personal protection equipment:

- **Respiratory protection:** No special precautions required.
- **Hand protection:** Latex gloves.
- **Eye protection:** No special precautions required.
- **Skin and body protection:** No special precautions required

### Hygiene measures:

In accordance with local and national regulations.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	liquid		
<b>Colour:</b>	green		
<b>Odour:</b>	characteristic		
<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

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

**12. ECOLOGICAL INFORMATION**

<b>Mobility:</b>	Soluble in water.
<b>Persistence and degradability:</b>	Readily biodegradable, according to appropriate OECD test
<b>Bioaccumulation:</b>	Not applicable
<b>Ecotoxicity effects:</b>	Not applicable

**13. DISPOSAL CONSIDERATIONS**

<b>Waste from residues / unused products:</b>	In accordance with local and national regulations.
<b>Contaminated packaging:</b>	Do not pierce or burn even when empty

**14. TRANSPORT INFORMATION**

<b>UN-No:</b>	1950	<b>Marine pollutant:</b>	No
<b>ADR/RID</b>			
<b>Class:</b>	2	<b>Item:</b>	5 ° A
		<b>HI/UN No:</b>	1950
<b>Proper shipping name:</b>	Aerosol dispensers		
<b>IMO</b>			
<b>Class:</b>	-	<b>IMDG Page:</b>	-
<b>EmS:</b>	-	<b>MFAG:</b>	-
<b>Proper shipping name:</b>	Aerosol dispensers		
<b>ICAO</b>			
<b>Class:</b>	2.2	<b>UN/ID No:</b>	1950
<b>Proper shipping name</b>	Aerosols, non flammable, n.o.s.,		

**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****Recommended use:****Recommended restrictions:** The level of Ethanolamine is below levels at which it produces irritant/harmful effects.**Revision number:** 7**Further information:** CN no: 34029090. Flammable composition = 10%

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Contact Name: Carolyn Booth

Department: Technical

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