

# SAFETY DATA SHEET

## MATERIAL SAFETY DATA SHEET

Last changed: 13/10/2009

Internal No: ESC2026

Replaces date: 07/09/2009

### Stripp-S3 Al

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

- |                          |                             |                          |
|--------------------------|-----------------------------|--------------------------|
| <input type="checkbox"/> | Approved for use            | <input type="checkbox"/> |
| <input type="checkbox"/> | Approved for laboratory use | <input type="checkbox"/> |
| <input type="checkbox"/> | Approved by                 | <input type="checkbox"/> |

**TRADE NAME** Stripp-S3 Al  
**TYPE OF USE** Detergent

#### National manufacturer/importer

Enterprise EnviroStripp Chemicals AB  
Address Ålegårdsgatan 1  
Postal code S-43150 MÖLNDAL  
Country Sweden  
E-mail info@envirostripp.se  
Internet www.envirostripp.se  
Telephone +46 31 27 12 11  
Fax +46 31 27 71 80

<b>Name</b>	<b>E-mail</b>	<b>Tel. (work)</b>	<b>Country</b>
Cecilia Groth			

<b>Emergency Phone</b>	<b>Type of assistance</b>	<b>Opening Hours</b>
	112	

#### 2. HAZARDS IDENTIFICATION



Harmful

#### GENERAL

Harmful by inhalation and if swallowed. Irritating to eyes and skin.

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

No	Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	Classification
1	Benzyl alcohol		202-859-9	100-51-6	30 - 50 %	Xn,20/22
2	Glycolic acid			79-14-1	6,5 - 9,5 %	C,R34
3	Anionic Surfactant				10 - 18 %	Xi,R36/38

Explanation of symbols: T+=highly toxic, T=toxic, C=corrosive, Xn=harmful, Xi=irritant E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, Cancer=Carcinogenic, Mut=Mutagenic, Rep=Toxic for reproduction, Conc.=Concentration

# SAFETY DATA SHEET

## MATERIAL SAFETY DATA SHEET

Last changed: 13/10/2009

Internal No: ESC2026

Replaces date: 07/09/2009

### Stripp-S3 Al

#### 4. FIRST AID MEASURES

##### GENERAL

Do not give victim anything to drink if he is unconscious.

##### INHALATION

Fresh air and rest. Contact physician.

##### SKIN CONTACT

Remove contaminated clothing. Immediately rinse with water for several minutes. Get medical advice if discomfort develops.

##### EYE CONTACT

Flush immediately with water for at least 5 minutes. Get medical advice.

##### INGESTION

Give 1-2 glasses of water to drink if the affected person is fully conscious. Hospitalization necessary if the product is ingested.

#### 5. FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Water, CO<sub>2</sub>, foam, dry chemical.

##### FIRE AND EXPLOSION HAZARDS

Non-flammable.

##### PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

Fresh air apparatus may be necessary.

##### OTHER INFORMATION

Prevent release of fire control water to surface water or ground water.

#### 6. ACCIDENTAL RELEASE MEASURES

##### PERSONAL PRECAUTIONS

Handle with care usual when dealing with chemicals. Use protective equipment and keep unauthorized personnel away.

##### SAFETY ACTIONS TO PROTECT EXTERNAL ENVIRONMENT

Prevent discharge of significant quantities to drains.

##### METHODS FOR CLEANING UP

Mix the chemical with an inert material (sand, vermiculite, etc.) and place in a suitable container. Small quantities may be flushed away with large amounts of water.

##### OTHER INFORMATION

Call the fire department in case of large release.

# SAFETY DATA SHEET

## MATERIAL SAFETY DATA SHEET

Last changed: 13/10/2009

Internal No: ESC2026

Replaces date: 07/09/2009

### Stripp-S3 Al

#### 7. HANDLING AND STORAGE

##### HANDLING PRECAUTIONS

Keep away from ignition sources. Take precautions against static electricity.

##### HANDLING ADVICE

Use personal protective equipment as specified in section 8. Eyewash facilities should be available at the workplace. Ventilate well.

##### STORAGE

Keep container tightly closed. Suitable container: Stainless steel. Plastic.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### EXPOSURE CONTROL

MECHANICAL VENTILATION and LOCAL EXHAUST VENTILATION may be necessary. BE CAREFUL WITH SMOKING, FIRE, SPARKS AND WELDING. Take precautions against static electricity.

##### RESPIRATORY PROTECTION

Respirator with A filter (brown).

##### EYE PROTECTION

Use approved safety goggles or face shield.

##### HAND PROTECTION

Use protective gloves of: Butyl rubber.

##### PROTECTIVE CLOTHING

Wear appropriate protective clothing to protect against possible skin contact.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Colour	Yellowish.
Odour	Characteristic.
Solubility	Partially soluble in water.
Water solubility	Miscible

##### Physical and chemical parameters

Parameter	Value/unit	Method/reference	Observation
pH in solution	~ 2,5		
Boiling point	~ 205 °C	Benzyl alcohol	
Flash point	> 100 °C		
Vapour pressure	~ 0,28 mbar	Benzyl alcohol	
Density	~ 1040 kg/m <sup>3</sup>	Benzyl alcohol	

#### 10. STABILITY AND REACTIVITY

##### MATERIALS TO AVOID

Avoid contact with oxidizing and reducing agents. Reacts with strong bases and oxidation agents

# SAFETY DATA SHEET

## MATERIAL SAFETY DATA SHEET

Last changed: 13/10/2009

Internal No: ESC2026

Replaces date: 07/09/2009

### Stripp-S3 Al

#### HAZARDOUS DECOMPOSITION PRODUCTS

Contact with certain metals e.g. steel, hydrogen gas may occur and give explosive detonating gas into air.

#### 11. TOXICOLOGICAL INFORMATION

##### Acute toxic test results

##### Benzyl alcohol

Route of exposure	Value/unit	Species	Source
LC50(Inhalation)	> 4,178 mg/l	Rat	
LD50(Oral)	1610 mg/kg	Rat	

##### Glycolic acid

Route of exposure	Value/unit	Species	Source
LD50(Oral)	1950 mg/kg	Rat	
LC50(Inhalation)	7 mg/l	Rat	

#### INHALATION

Inhalation of large amounts of vapour may cause: headache, smarting in nose, throat and mouth.

#### SKIN CONTACT

Prolonged or repeated contact may cause defatting, drying, irritant dermatitis and more serious skin diseases.

#### EYE CONTACT

Eye irritation test (rabbit): Slight irritation. (OECD test 405) regarding anionic surfactant.

#### INGESTION

Ingestion may cause vomiting and abdominal pains, as well as symptoms similar to those caused by inhalation of vapours. Alcohol consumption increases risk of poisoning.

#### SENSITIZATION

No sensitization according to OECD 406 (guinea pig), regarding anionic surfactant.

#### OTHER TOXICOLOGICAL INFORMATION

Irritation on skin (rabbit): mild irritation.

Mutagenic effect : Ames test negative.

Eye irritation, (rabbit): severe irritation.

(Regarding Benzyl alcohol)

# SAFETY DATA SHEET

## MATERIAL SAFETY DATA SHEET

Last changed: 13/10/2009

Internal No: ESC2026

Replaces date: 07/09/2009

### Stripp-S3 Al

#### 12. ECOLOGICAL INFORMATION

##### ECOTOXICITY

Harmful to aquatic organisms. Regarding Benzyl alcohol.

EC50 (Scenedesmus subspicatus): 10-100mg/l; 72h; OECD 201. Regarding anionic surfactant. LC50(Leuciscus idus melantus): 1-10mg/l; 72h; OECD 203. Regarding anionic surfactant.

##### DEGRADABILITY

Readily biodegradable.

Closed bottle test, BOD > 90% (OECD 301D). Regarding benzyl alcohol.

Readily biodegradable > 60% after 28 days. (OECD 301B). Regarding anionic surfactant.

Glycolic acid is readily biodegradable.

##### ACCUMULATION

Does not bioaccumulate in water environment.

#### 13. DISPOSAL CONSIDERATIONS

##### GENERAL REGULATIONS

To be disposed of in according to local regulations. Waste must be disposed of at approved landfill/waste storage or treatment facility.

#### 14. TRANSPORT INFORMATION

Classified as Dangerous Goods:  Yes  No  Not assessed

##### OTHER INFORMATION

Not considered as dangerous goods under UN, IMO, ADR/RID or IATA/ICAO regulations.

#### 15. REGULATORY INFORMATION



Harmful

EC-Label  No  Yes  Not assessed

##### COMPOSITION

Benzyl alcohol (30 - 50 %), Glycolic acid (6,5 - 9,5 %), Anionic Surfactant (10 - 18 %)

##### R-PHRASES

Nr.

R20/22

R36/38

R-Phrase text

Harmful by inhalation and if swallowed.

Irritating to eyes and skin.

# SAFETY DATA SHEET

## MATERIAL SAFETY DATA SHEET

Last changed: 13/10/2009

Internal No: ESC2026

Replaces date: 07/09/2009

### Stripp-S3 Al

#### S-PHRASES

S-24 Avoid contact with skin.S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### LEGISLATION

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

#### OTHER INFORMATION

#### 16. OTHER INFORMATION

#### VENDOR NOTES

CAUTION:

SLIPPERY - Be aware of spillage!

BURN INJURIES - When using hot fluid/objects there are risk for burn injuries.

The information contained here in is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.

#### LIST OF RELEVANT R-PHRASES

Nr.	R-Phrase text
R20/22	Harmful by inhalation and if swallowed.
R34	Causes burns.
R36/38	Irritating to eyes and skin.

#### REVISION HISTORY

Version	Rev. date	Responsible	Changes
1.0.1	13/10/2009	EH	Corrections are made at sections 15 and 16.