

# SAFETY DATA SHEET

## MATERIAL SAFETY DATA SHEET

Last changed: 13/10/2009

Internal No: ESC2014

Replaces date: 12/06/2008

### Stripp-L2G (concentrate)

#### 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-L2G (concentrate)  
**TYPE OF USE**

#### 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

Name	E-mail	Tel. (work)	Country
Cecilia Groth			

#### 2. HAZARDS IDENTIFICATION



Harmful

#### GENERAL

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

#### HEALTH

#### 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 - 40 %	Xn,20/22
2	2-aminoethanol, ethanolamine		205-483-3	141-43-5	5 - 10 %	C,R20/21/22 - R34
3	Anionic surfactant				40 - 45 %	Xi,R36

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

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#### 4. FIRST AID MEASURES

##### GENERAL

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

##### INHALATION

Fresh air and rest. Get medical advice.

##### SKIN CONTACT

Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical advice if discomfort develops.

##### EYE CONTACT

Flush immediately with a soft jet of lukewarm water, also under the eyelids. Flush for at least 5 minutes. Contact a physician/eye specialist if necessary.

##### 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.

##### 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.

#### 7. HANDLING AND STORAGE

##### HANDLING PRECAUTIONS

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

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#### 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.

### 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

Wear eye protection if there is a possibility of direct contact or splashes.

#### HAND PROTECTION

Use protective gloves of: Butyl rubber.

#### PROTECTIVE CLOTHING

Wear appropriate protective clothing to protect against possible skin contact.

#### OTHER INFORMATION

#### OEL value

Ingredient name	Cas nr.	Interval	ppm	mg/m3	Year	Notification
2-aminoethanol, ethanolamine	141-43-5	8 h	3,0	8,0	2000	
2-aminoethanol, ethanolamine	141-43-5	15 min.	6,0	15,0	2001	

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

#### Physical and chemical parameters

Parameter	Value/unit	Method/reference	Observation
pH in solution	11		
Boiling point	> 100 °C		
Flash point	> 100 °C		

#### 10. STABILITY AND REACTIVITY

##### MATERIALS TO AVOID

Avoid contact with oxidizing and reducing agents. Reacts violently with strong acids, bases, organic chemicals and certain metal compounds.

##### HAZARDOUS DECOMPOSITION PRODUCTS

Contact with certain metals, e.g. aluminium and other light metals, may cause formation of hydrogen gas which forms explosive mixtures with air.

#### 11. TOXICOLOGICAL INFORMATION

##### Acute toxic test results

##### Stripp-L2G (concentrate)

Route of exposure	Value/unit	Species	Source
LD50(Oral)	1610 mg/kg	Rat	
LC50(Inhalation)	> 4178 mg/kg	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

Splashes in the eyes may cause irritation and reversible damage.

##### 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.

##### OTHER TOXICOLOGICAL INFORMATION

Irritation on skin (rabbit): mild irritation.

Mutagenic effect : Ames test negative.

Eye irritation, (rabbit): severe irritation.

(Regarding Benzyl alcohol)

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#### 12. ECOLOGICAL INFORMATION

##### ECOTOXICITY

Harmful to aquatic organisms. Regarding Benzyl alcohol.

##### DEGRADABILITY

Readily biodegradable. Closed bottle test, according OECD 301D, BOD >90% (Benzyl alcohol)

OECD 301F, BOD 28d: 90-100 % (2-ethanolamine)

Biodegradable (regarding surfactant).

##### 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 - 40 %), 2-aminoethanol, ethanolamine (5 - 10 %), Anionic surfactant (40 - 45 %)

##### R-PHRASES

Nr.

R20/22

R36/38

R-Phrase text

Harmful by inhalation and if swallowed.

Irritating to eyes and skin.

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#### S-PHRASES

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
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R20/22	Harmful by inhalation and if swallowed.
R34	Causes burns.
R36	Irritating to eyes.

#### REVISION HISTORY

Version	Rev. date	Responsible	Changes
2.0.3	13/10/2009	EH	Corrections ar made at sections 15 and 16.