

SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET

Last changed: 14/09/2010

Internal No: ESC2028

Replaces date: 25/01/2010

STRIPP-T

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-T
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

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

2. HAZARDS IDENTIFICATION



Irritating

GENERAL

Risk of serious damage to eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

No	Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	Classification
1	N-Ethyl-2-pyrrolidon			2687-91-4	85 - 95 %	Xi,R41
2	Surfactant solution				5 - 15 %	No classification required

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

4. FIRST AID MEASURES

GENERAL

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

INHALATION

Fresh air and rest. Get medical advice if discomfort develops.

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SKIN CONTACT

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

EYE CONTACT

Immediately rinse with water for at least 15 minutes (eyelids parted) and consult a doctor.

INGESTION

Rinse mouth thoroughly and give large amounts of milk or water if person is not unconscious.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with powder/carbon dioxide/foam.

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.

HANDLING ADVICE

Use personal protective equipment as specified in section 8. Smoking, open flames or other sources of ignition in the vicinity of the product are forbidden. Ventilate well. Eyewash facilities should be available at the workplace.

STORAGE

Keep container tightly closed.

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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Viscous fluid.
Colour	Yellowish red.
Odour	Slight. Amine-like.
Solubility	Alcohol Water.

Physical and chemical parameters

Parameter	Value/unit	Method/reference	Observation
pH concentrate	~ 8,5		
Boiling point	> 212 °C		
Flash point	> 91 °C		

10. STABILITY AND REACTIVITY

STABILITY

Thermal decomposition: approx < 300 C.

MATERIALS TO AVOID

Avoid contact with oxidizing and reducing agents.

11. TOXICOLOGICAL INFORMATION

Acute toxic test results

N-Ethyl-2-pyrrolidon

Route of exposure	Value/unit	Species	Source
LD50(Oral)	~ 3200 mg/kg		
LC50(Inhalation)	> 5,1 mg/l		
LD50(Dermal)	> 2000 mg/kg		

INHALATION

SKIN CONTACT

No skin irritation

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EYE CONTACT

Splashing may damage the eyes.

TERATOGENIC EFFECTS

In animal studie the substance showed a devlopmental toxic effekt in high doses which were maternally toxic.

Additional information:

There is no reason to fear a risk of damage to the developing embryo of fetus when the MAK value is adhered to

ACUTE AND CHRONIC TOXICITY

OTHER TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Ecotoxic information is based on N-Ethyl-2-Pyrrolidon

Fishtoxicity: LC50 96h (Brachydanio rerio): >499 - < 999 mg/l.

Aquatic invertebrates: Daphnia magna/EC50 (48 h): > 100 mg/l.

Aquatic plants: Green algae/EC50 (72 h): 100 mg/l.

Microorganisms: DIN 38412 Part 8 bacterium/EC50 (16 h): > 1,000 mg/l.

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

15. REGULATORY INFORMATION



Irritating

EC-Label No Yes Not assessed

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COMPOSITION

N-Ethyl-2-pyrrolidon (85 - 95 %), Surfactant solution (5 - 15 %)

R-PHRASES

Nr.	R-Phrase text
R41	Risk of serious damage to eyes.

S-PHRASES

S-39 Wear eye/face protection.S-25 Avoid contact with eyes.S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

OTHER INFORMATION

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.

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
R41	Risk of serious damage to eyes.

REVISION HISTORY

Version	Rev. date	Responsible	Changes
1.0.0	14/09/2010	EH	Change of name from Stripp-Tnew to Stripp-T.