

PRODUCT NAME: ECOSOL 8016 – POLYURETHANE REMOVER

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

1.1 Identification of the substance:

Blend of solvents

1.2 Company address:

Sonic Solutions (C&C) Ltd
Unit 15 Riverside way, Ravensthorpe Industrial Estate
Dewsbury, West Yorkshire. WF13 3LG

1.3 Telephone:

01924 495975

2. INFORMATION ON COMPONENTS

2.1 Hazardous components:

Proprietary blend of solvents R 10/23/24/25/35/36/38/39

2.2 Warning symbols/words:

Xn/Harmful

2.3 Risk phrases:

R10 Flammable
R23/25. Toxic by inhalation and if swallowed
R34 Causes burns

2.4 Occupational Exposure Standards (EH40) :

OES: NMP Long term: 100 ppm
Methanol TWA (8 hrs): 250 mg m⁻³

3. HAZARDS IDENTIFICATION

3.1 Human hazards:

Toxic through skin contact, inhalation and ingestion. May cause burns in direct contact with skin. Severe damage will occur if neat product comes into contact with the eyes.

3.2 Environmental hazards:

Inherently biodegradable

4. FIRST AID MEASURES

4.1 Eyes: Rinse immediately with copious quantities of cold water for at least 15 minutes. Seek medical advice immediately.

4.2 Skin: Wash with copious quantities of water and seek medical advice if symptoms persist.

4. First Aid Measures (cont.)

4.3 Inhalation: Remove to fresh air and seek medical advice.

4.4 Ingestion: Seek immediate medical attention; give affected person water/milk; do not induce vomiting. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR FORCE FEED FLUIDS.

5. FIRE FIGHTING MEASURES:

5.1 Extinguishing media: Alcohol resistant foam, carbon dioxide, dry chemicals, sand, dolomite etc.

5.2 Special procedures: Keep run-off out of sewers and water courses. Dike for water control. Cool containers exposed to flames with water from the side until well after the fire is out; move container from fire area if it can be achieved without risk. Withdraw immediately in case of rising sound from venting safety device or any discolouration of tanks due to fire. Use water spray to reduce vapours. For massive fire in cargo areas use unmanned hose holder or monitor nozzles where possible. If not possible, withdraw and allow fire to burn out. If risk of water pollution occurs, notify appropriate authorities.

5.3 Unusual hazards: May explode in a fire. May develop highly toxic or corrosive fumes if heated. Can travel considerable distances to the source of ignition and flash back. Vapour explosion and poison hazard indoors, outdoors and in sewers.

5.4 Hazardous decomposition products: Carbon dioxide/monoxide.

6. ACCIDENTAL RELEASE PROCEDURES

6.1 Personal precautions: Before tackling any spillage, suitable respiratory and/or liquid contact protection should be worn.

6.2 Methods for cleaning up: Ventilate well, stop flow of gas/liquid if possible. Absorb onto non-combustible material and store in suitable containers for disposal.

7. HANDLING AND STORAGE

7.1 Handling:

When handling all chemicals, observe good standards of industrial hygiene. Avoid swallowing/inhaling/eye or skin contact with any mists or sprays which may be formed.

7.2 Storage:

Flammable/combustible liquid storage. Keep away from oxidising chemicals, heat and flames. May attack some plastics, rubbers and coatings.

PRODUCT NAME: ECOSOL 8016 – POLYURETYHANE REMOVER**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****General:**

Personal exposure must be maintained below occupational standards (see above). Provide adequate general and local exhaust ventilation. Use approved respirator if above acceptable level. Approved safety goggles should be worn where eye exposure is probable.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 **Appearance:** Brown/red liquid

9.2 **Odour:** Characteristic

9.3 Physical properties:

Flammability	Flammable/combustible
Density	Typically 0.9 g cm ⁻³ (20°C)
Solubility in water	Completely miscible

10. STABILITY AND REACTIVITY**10.1 Materials to avoid:**

Avoid heat, sparks, flames, moisture and oxidising agents.

10.2 Hazardous decomposition products:

Carbon dioxide/monoxide can be formed in fires or through excessive heat.

11. TOXICOLOGICAL INFORMATION**11.1 Health Warnings:**

Gas or vapour is harmful on prolonged exposure or in high concentrations. This chemical may cause skin/eye irritation. Irritant of eyes and mucous membrane. Repeated exposure may cause chronic eye irritation. Skin contact - low order of toxicity however prolonged contact may cause dermatitis.

11.2 Medical symptoms:

Extreme irritation of eyes and mucous membrane including burning and tearing. Dilated pupils. Upper respiratory irritation. General respiratory distress. Skin irritation. Dizziness/headaches etc.

12. ECOLOGICAL INFORMATION

Acute fish toxicity: Slightly toxic to aquatic organisms

Water hazard classification: Inherently biodegradable. Will float on water and slowly evaporate

13. DISPOSAL CONSIDERATIONS

Incinerate in suitable combustion chamber. Absorb in vermiculite or dry sand, dispose in licensed special waste.

Local regulations should be consulted and waste should be disposed of only through licensed waste material handling companies.

14. TRANSPORT INFORMATION

Label for conveyance:

Flammable
Toxic

Road Transport:	UN No:	1993
	ADR Class No:	Class 3.3 Flammable liquid
	ADR Item No:	3.31
	ADR Label No:	3

15. REGULATORY INFORMATION**15.1 Label for supply:**

FLAMMABLE



TOXIC

15.2 Risk phrases:

R10 Flammable
R23/25 Toxic by inhalation and if swallowed
R34 Causes burns

15.3 Safety phrases:

S2 Keep out of reach of children
S16 Keep away from sources of ignition - no smoking
S24 Avoid contact with eyes and skin
S36/37/39 Wear suitable protective clothing

16. FURTHER INFORMATION

16.1 **Date of issue:** 12 July 2005

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