

PRODUCT NAME: ECOSTRIP 8705

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

1.1 Identification of the substance:

Blend of solvents based on methylene chloride

1.2 Company address:

Sonic Solutions Ltd
Unit 15 Riverside Way, Ravensthorpe Ind Estate
Dewsbury, West Yorks. WF13 3LG

1.3 Telephone:

01924 495975

2. INFORMATION ON COMPONENTS

2.1 Hazardous components:

Methylene chloride CAS 75-09-2 60-100%
Methanol CAS 67-56-1 0 - 40%

2.2 Safety phrases:

Harmful by inhalation
Irritating to eyes, skin and respiratory system

2.3 Risk phrases:

R40 Possible risk of irreversible effects
R20/22 Harmful by inhalation and if swallowed

2.4 Occupational Exposure Standards (EH40):

OES: Methylene chloride 100 ppm (LT EXP - 8 hours)
300 ppm (ST EXP - 15 mins)
Methanol 200 ppm (LT EXP - 8 hours)

3.1 Human hazards:

Harmful by inhalation, skin contact; irritating to eyes, skin and respiratory system.

3.2 Environmental hazards:

Rapid evaporation normally prevents ground water contamination.

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: Water spray, fog or mist; carbon dioxide, dry chemicals, sand, dolomite etc. Do not use water if avoidable.

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. Vapours are heavier than air and may spread near the ground to sources of ignition.

5.4 Hazardous decomposition products: Very toxic and corrosive gases including phosgene and hydrogen chloride.

6. ACCIDENTAL RELEASE PROCEDURES

6.1 Personal precautions: Before tackling any spillage, suitable respiratory 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. Run-off to sewer, ground or waterway is forbidden.

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: Store in a cool, dry, ventilated area in closed containers. Keep away from oxidising chemicals, heat and flames. May attack some plastics, rubbers and coatings. Storage criteria: Chemical storage.

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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.
 Respirator: CCROV, CCR with organic vapour cartridge, self contained breathing apparatus.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 **Appearance:** Clear, colourless liquid

9.2 **Odour:** Chlorinated solvent

9.3 **Physical properties:**

Flash point: Non flammable
 S.G.: Typically 1.25 g cm⁻³

10. STABILITY AND REACTIVITY

10.1 **Materials to avoid:**

Avoid contact with peroxides. Contact with red hot surfaces, flames and sparks may generate fumes of phosgene or hydrogen chloride. Will attack certain resin based plastic and rubber materials.

10.2 **Hazardous decomposition products:**

Very toxic/corrosive fumes of phosgene/hydrogen chloride.

11. TOXICOLOGICAL INFORMATION

11.1 **Health Warnings:**

Gas or vapour is very toxic or extremely irritating even on short term exposure. Solvent vapours may be hazardous. May cause skin/eye irritation and burns (corrosive). Narcotic effect. CNS depressant. Repeated exposure may cause chronic eye irritation. Swallowing this chemical may cause severe internal injury.

Routes of entry: Inhalation. Skin absorption. Ingestion. Skin or eye contact.

Target organs: CNS, eyes, heart and cardiovascular system, kidneys, respiratory system, liver , lungs and skin.

11.2 **Medical symptoms:**

Extreme irritation of the eyes and mucous membranes, including burning and tearing. Dilated pupils. Severe skin irritation. Unconsciousness, possibly death. CNS depression. Drowsiness, dizziness, disorientation,

12. ECOLOGICAL INFORMATION

Acute fish toxicity: No data available.
 Water hazard classification: No data available; insoluble in water.

13. DISPOSAL CONSIDERATIONS

15. REGULATORY INFORMATION

Confirm disposal procedures with environmental engineer and local authorities.
 15.1 **Label for supply:**
 Local regulations should be consulted and waste should be disposed of only through licensed waste material handling companies.
 Harmful

14. TRANSPORT INFORMATION

15.2 **Risk phrases:**
 R40 Potential for irreversible effects
 R20/22 Harmful by inhalation and if swallowed
 UN No.: 2810

15.3 **Safety phrases:** 6.1

16. FURTHER INFORMATION

S23 Do not breathe gas/fumes/vapour/spray
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