

**MATERIALS SAFETY DATA SHEET No.: 063**

**PRODUCT NAME: ECOSOL 825**

**1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER**

1.1 **Identification of the substance:**  
Blend of aliphatic hydrocarbons.

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:**  
Aliphatic hydrocarbons CAS No.: 64742-49-0 60 - 100%

2.2 **Warning symbols/words:**  
Keep away from sources of ignition - no smoking  
Do not empty directly into drains  
Take precautionary measures against static discharge

2.3 **Risk phrases:**  
Highly flammable  
Toxic to aquatic organisms

**3. OCCUPATIONAL EXPOSURE STANDARDS (EH40):**

3.1 **Human hazards:**  
Aspiration into the lungs may cause chemical pneumonitis which can be fatal. Narcotic at high vapour concentrations. Irritating to the eyes and respiratory system. Will defat the skin and long term contact may cause dermatitis.

3.2 **Safety/Environmental hazards:**  
Highly flammable. Product will rapidly evaporate and concentrations will quickly exceed the explosive limits. Do not allow to enter into confined spaces due to risk of explosion. Electrostatic charges may be generated during handling.

**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; try to induce vomiting by having the affected person touch the back of the throat with a finger or by giving syrup of ipecac as directed on the package. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR FORCE FEED FLUIDS.

**5. FIRE FIGHTING MEASURES:**

5.1 **Extinguishing media:** Foam, water spray or fog. carbon dioxide, dry chemicals, sand, dolomite etc. can be used for small fires.

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 discoloration 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 is heavier than air and can spread along the ground.

**6. ACCIDENTAL RELEASE PROCEDURES**

6.1 **Personal precautions:** Before tackling any spillage, suitable respiratory and/or liquid contact protection should be worn. Avoid contact with skin and eyes. Do not breathe vapour. No smoking. Avoid sparks.

6.2 **Methods for cleaning up:** Ventilate well, stop flow of gas/liquid if possible. Do not allow chemical to enter confined spaces due to explosion risk. Absorb small amounts with sand, earth or spill control absorbent and place in suitable container for subsequent disposal.

**7. HANDLING AND STORAGE**

7.1 **Handling:** Earth all equipment. Highly flammable - no smoking. 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 liquid storage. Keep away from oxidising chemicals, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Do not use compressed air for filling, discharging or handling. Restrict line velocity during pumping to avoid generation of electrostatic discharge.

**Sonic - Solutions for Industry**

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Tel: 0151 420 0172

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**General:**

Personal exposure must be maintained occupational standards ( see above). Provide adequate general and local exhaust ventilation. Respirators should be CCROVF, CCR with organic vapour respirator and full face-piece. Gloves should be made of nitril, butyl rubber or PTFE. Approved safety goggles should be worn where eye exposure is probable

**9. PHYSICAL AND CHEMICAL PROPERTIES**

9.1 **Appearance:** Colourless liquid

9.2 **Odour:** Paraffinic hydrocarbon

9.3 **Physical properties:**

Boiling point: 60 °C  
 Flammability: Highly flammable  
 Flash point: - 25°C ( Abel )  
 Density: 0.7 g cm<sup>-3</sup> (20°C)

**10. STABILITY AND REACTIVITY**

10.1 **Materials to avoid:**

Avoid heat, sparks, flames, moisture and light. Also avoid contact with strong oxidising agents, strong acids/alkalis.

10.2 **Hazardous decomposition products:**

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

**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. Prolonged and repeated skin exposure may cause dermatitis. High exposures can cause drowsiness and dizziness. Swallowing concentrated chemical may cause severe internal injury, unconsciousness or death.

11.2 **Medical symptoms:**

Extreme irritation of eyes and mucous membrane including burning and tearing. Upper respiratory irritation. General respiratory distress. May cause suffocation. Severe skin irritation. Drowsiness, dizziness, disorientation, vertigo.

**12. ECOLOGICAL INFORMATION**

Acute fish toxicity: No data available

Water hazard classification: No data available

**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:



**HIGHLY FLAMMABLE**

Road Transport: UN No: 3295  
 ADR Class No: Class 3 Flammable liquid  
 ADR Item No: 3b  
 Hazard No: 33/3295

Rail Transport: RID Class No: 33/3295  
 RID Item No: 3/II

**15. REGULATORY INFORMATION**

15.1 **Label for supply:**



15.2 **Risk phrases:**

R11 Highly flammable  
 R36/37 Irritating to eyes and respiratory system  
 R51/53 Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

15.3 **Safety phrases:**

S9 Keep container in a well ventilated place  
 S16 Keep away from sources of ignition - no smoking

**16. FURTHER INFORMATION**

S33 Take precautionary measures against static discharges  
 S61 Avoid release to the environment.

16.1 **Date of issue:** 17 June 98  
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