



Material Safety Data Sheet

Isododecane

Last Revised: 11/24/08

1. Product Identification

Product Name: Isododecane
INCI Name: Isododecane
Chem. N.: No data
Ingredient(s) & CAS Number(s): 13475-82-6
Ingredient(s) & EINECS Number(s): No data

2. Physical and Chemical Properties

Melting Point: -114°F (-81°C)
Boiling Point: 352-361°F (178-183°C)
Evaporation Rate: No data
Specific Gravity: 0.740-0.755
Solubility in Water: Negligible (0.1 g/l)
pH Value: No data
Appearance & Odor: Clear, colorless liquid, slight petroleum odor

3. Stability and Reactivity

Chemical Stability: Stable
Incompatibility: None known
Hazardous Decomposition: During a fire CO, CO₂, and other potentially toxic fumes
Hazardous Polymerization: Will not occur

4. Handling and Storage

Keep container closed when not in use. Keep away from heat, sparks, and flames. Avoid vapor or mists that might be related upon heating.

5. Accidental Release Measures

Keep public away. Eliminate source of ignition. Shut off sources, if possible do so safely. Prevent liquid from entering sewers, watercourses or low areas. Advise authorities if material has entered a sewer or watercourse or has contaminated soil or vegetation. Absorb/absorbent and shovel into enclosed container and dispose of correctly.

6. Exposure Controls & Personal Protection

Respiratory Protection: Not required
Eye Protection: Chemical splash goggles
Protective Clothing: Usually not needed. Use gauntlet type gloves.
Engineering Controls: Usually not needed
Other Protective Measures: Keep work place clean; wash hands frequently.

7. Hazards Identification

General: Prolonged skin contact may irritate and cause dermatitis. If swallowed nausea may be experienced.
Inhalation: No data
Eye Contact: No data
Skin Contact: No data
Ingestion: No data

Exposure Guidelines: No data

8. First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes.
Skin: Wash skin with plenty of water; remove contaminated clothing.
Inhalation: Remove to fresh air. If breathing is difficult give oxygen.
Ingestion: No data
Physician's Note: No data

9. Fire Fighting Measures

Flash Point: 109°F (43°C)
Auto-ignition Temp: No data
Extinguishing Media: Extinguish preferentially with dry chemicals, foam water spray.
Fire Fighting Procedures: Caution! This product is flammable. Firefighters should wear full protective clothing including a self-contained breathing apparatus.
Fire and Explosion Hazards: Fumes, smoke and carbon monoxide (CO)

10. Toxicological Information

Acute Oral LD50: No data
Dermal and Eye Irritation Test: No data
Carcinogenicity: No data
Mutagenicity: No data

11. Disposal Considerations

Dispose of in accordance with all state, local, and federal regulations.

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