

**GELEST, INC.**

11 East Steel Rd. Morrisville, PA 19067  
Phone: (215) 547-1015

MATERIAL SAFETY  
DATA SHEET

EMERGENCY TELEPHONE  
CHEMTREC: 1-800-424-9300

NAME USED ON LABEL: **m-DIALLYLBENZENE - ENED0750**

CHEMICAL NAME: m-DIALLYLBENZENE

SYNONYMS: 1,3-DI-2-PROPENYL BENZENE

CHEMICAL FAMILY: ORGANIC

FORMULA: C<sub>12</sub>H<sub>14</sub>

HMIS CODES HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0

**INGREDIENTS**

IDENTITY	CAS NO.	%	TLV	OSHA PEL
m-DIALLYLBENZENE	52448-03-0	>95		not established

**PHYSICAL DATA**

Boiling Point: 220-1°C  
Specific Gravity: 0.89  
Vapor Density (air = 1): NA  
% volatiles: <3  
Molecular Weight: 158.24  
Appearance & Color: Straw liquid

Melting Point: <0°C  
Vapor Pressure, 25°: <0.5mm  
Solubility in water: insoluble  
Evaporation rate (butyl acetate = 1): <1  
Other: NA

**FIRE & EXPLOSION DATA**

Flash Point, COC: >65°C (>150°F) Autoignition Temp.: not determined  
Flammability Limits: not determined

Extinguishing Media: Water spray or fog, foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Avoid eye and skin contact. Do not breathe fumes or inhale vapors.

Unusual Fire and Explosion Hazards: Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

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## ENVIRONMENTAL INFORMATION

Spill response: Sweep material and transfer to a suitable container for disposal.

Recommended Disposal: Incinerate. Follow all chemical pollution control regulations.

## HEALTH HAZARD DATA

Eye Contact: May cause immediate or delayed severe eye irritation.

Skin contact: May cause skin irritation. Avoid Contact.

Inhalation: No information available. Avoid inhalation.

Oral Toxicity: not determined

Inhalation Toxicity: not determined

## SUGGESTED FIRST AID

EYES: In case of contact, immediately flush eyes with flowing water for at least 15 minutes. Get medical attention.

SKIN: Flush with water, then wash with soap and water.

INHALATION: Move exposed individual to fresh air. Administer oxygen if needed. Call a physician.

INGESTION: Never give fluids or induce vomiting if patient is unconscious or having convulsions. To conscious individual give one full cup of water to dilute ingested material. Get medical attention.

## REACTIVITY DATA

Stability: Stable

Conditions to avoid: Store away from oxidizers.

Hazardous decomposition products: Organic acid vapors..

## SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust is recommended. Mechanical is recommended.

Respiratory Protection: If exposure exceeds TLV, NIOSH approved organic vapor respirator.

Eye and Face Protection: Chemical worker's goggles. Do not wear contact lenses.

Other Clothing and Equipment: Rubber, neoprene or nitrile gloves. An eyewash and emergency shower should be available. Launder clothing before reuse.

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## OTHER PRECAUTIONS

For research use only.

Storage and Handling: Store in sealed containers.

## TRANSPORTATION

DOT SHIPPING NAME: CHEMICALS, NOI

DOT HAZARD CLASS: Not Regulated

DOT LABEL: Not Required

DOT ID No: Not Required

Prepared by safety and environmental affairs      MSDS ISSUE DATE ENED0750: 11/8/12  
SUPERSEDES: none

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