

GELEST, INC.

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MATERIAL SAFETY
DATA SHEET

EMERGENCY TELEPHONE
CHEMTREC: 1-800-424-9300

NAME USED ON LABEL: **ALLYL 2-BROMO-2-METHYLPROPIONATE - ENEA0055**

CHEMICAL NAME: ALLYL 2-BROMO-2-METHYLPROPIONATE

SYNONYMS:

CHEMICAL FAMILY: ORGANIC ACID ANHYDRIDE

FORMULA: C₇H₁₁BrO₂

HMIS CODES HEALTH: 3 FLAMMABILITY: 2 REACTIVITY: 0

INGREDIENTS

IDENTITY	CAS NO.	%	TLV	OSHA PEL
ALLYL 2-BROMO-2-METHYLPROPIONATE	40630-82-8	>97		not established

PHYSICAL DATA

Boiling Point: 50°C at 12mm

Specific Gravity: 1.302

Vapor Density (air = 1): >1

% volatiles: NA

Molecular Weight: 207.07

Appearance & Color: Straw to amber liquid with irritating odor

Freezing Point: <0°C

Vapor Pressure, 20°: <5 mm

Solubility in water: reacts

Evaporation rate (butyl acetate = 1): <1

FIRE & EXPLOSION DATA

Flash Point, COC: 64°C (147°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: Mild lachrymator. Will cause immediate or delayed moderate eye irritation.

Skin contact: May cause skin irritation. Avoid Contact.

Inhalation: No information available. Avoid inhalation.

Oral Toxicity: not determined

Dermal 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 required. 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: CORROSIVE LIQUID, N.O.S.
(ALLYL 2-BROMO-2-METHYLPROPIONATE)

DOT HAZARD CLASS: 8

DOT LABEL: CORROSIVE

DOT ID No: 1760

PG: II

Prepared by safety and environmental affairs ISSUE DATE ENEA0055: 8/17/09
SUPERSEDES: none

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