

**GELEST, INC.**

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MATERIAL SAFETY  
DATA SHEET

EMERGENCY TELEPHONE  
CHEMTREC: 1-800-424-9300

NAME USED ON LABEL: **3-BROMOPHENOXY(t-BUTYL)DIMETHYLSILANE - SIB1894.9**  
CHEMICAL NAME: 3-BROMOPHENOXY(t-BUTYL)DIMETHYLSILANE  
SYNONYMS: m-BROMOPHENOXY(t-BUTYL)DIMETHYLSILANE  
CHEMICAL FAMILY: ORGANOSILANE  
FORMULA: C<sub>9</sub>H<sub>19</sub>BrOSi

HMIS CODES HEALTH: 3 FLAMMABILITY: 2 REACTIVITY: 1

**INGREDIENTS**

IDENTITY	CAS NO.	%	TLV	OSHE PEL
3-BROMOPHENOXY(t-BUTYL)DIMETHYLSILANE	65423-56-5	>95		not established

**PHYSICAL DATA**

Boiling Point: 120-4°C at 2mm	Freezing Point: <0°C
Specific Gravity: 1.16	Vapor Pressure, 25°C: <0.5mm
Vapor Density (air=1): >1	Solubility in water: insoluble, reacts
% volatiles: NA	Evaporation rate: NA
Molecular Weight: 287.27	Other: NA
Appearance & Color: Clear to straw liquid with mild odor	

**FIRE & EXPLOSION DATA**

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

Extinguishing Media: Water spray, 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.

-1-(SIB1894.9)

## ENVIRONMENTAL INFORMATION

Spill response: May be hazardous to aquatic life if released to open waters. Cover spill with absorbent material. Transfer to a suitable container for disposal.

Recommended Disposal: May be incinerated. Alternately, absorb onto clay or vermiculite and dispose of absorbent material as solid waste. Follow all chemical pollution control regulations.

## HEALTH HAZARD DATA

Eye Contact: Will cause immediate or delayed eye irritation.

Skin contact: May produce irritation or contact dermatitis which may be delayed several hours. Prompt and thorough washing with soap and water will reduce or eliminate potential dermal effects.

Inhalation: Inhalation of vapors or particulates of may irritate the respiratory tract. Overexposure may produce coughing, headache and nausea.

Oral Toxicity: not determined  
Chronic 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, preferably from an ophthalmologist.

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

INHALATION: Move exposed individual to fresh air. Call a physician.

INGESTION: Never give fluids or induce vomiting if patient is unconscious or having convulsions. Get medical attention.

## REACTIVITY DATA

Stability: Stable in sealed containers.

Conditions to avoid: Combustible; avoid contact with heat, sparks or open flame.

Incompatibility (materials to avoid): Reacts with water and moisture in air.

Hazardous decomposition products: Organic acid vapors, brominated aromatics.

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## SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust is required. Mechanical is recommended.

Respiratory Protection: If exposure exceeds TLV air-supplied or NIOSH certified combination organic vapor acid gas 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.

## 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 SIB1894.9: 2/23/15

SUPERSEDES: none

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