

GELEST, INC.

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MATERIAL SAFETY
DATA SHEET

EMERGENCY TELEPHONE
CHEMTREC: 1-800-424-9300

NAME USED ON LABEL: **(3,4-DIHYDRO-2H-PYRAN-6-YL)DIMETHYLSILANOL - SID3515.0**
CHEMICAL NAME: (3,4-DIHYDRO-2H-PYRAN-6-YL)DIMETHYLSILANOL
SYNONYMS: HYDROXY(3,4-DIHYDRO-2H-PYRAN-6-YL)DIMETHYLSILANE
CHEMICAL FAMILY: ORGANOSILANE
FORMULA: C₇H₁₄OSi

HMIS CODES HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0

INGREDIENTS

IDENTITY	CAS NO.	%	TLV
(3,4-DIHYDRO-2H-PYRAN-6-YL)DIMETHYLSILANOL	304669-35-0	>97	not established

PHYSICAL DATA

Boiling Point: 54°C at 8mm	Freezing Point: <0°C
Specific Gravity: 1.005	Vapor Pressure, 20°: <2mm
Vapor Density (air = 1): >1	Solubility in water: insoluble
% volatiles: 100	Evaporation rate (butyl acetate = 1): <1
Molecular Weight: 158.27	Other: NA
Appearance & Color: Clear, liquid with mild odor	

FIRE & EXPLOSION DATA

Flash Point, COC: 91°C (196°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-(SID3515.0)

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: Vapors may cause immediate or delayed eye irritation. Liquid may cause conjunctivitis and corneal damage

Skin contact: May produce irritation. Prompt and thorough washing with soap and water will reduce or eliminate potential dermal effects.

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

Oral Toxicity: not determined

Chronic Toxicity: There are no known chronic effects related to this compound.

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. 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 in a cool place.

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

Incompatibility (materials to avoid): Avoid contact with peroxides, oxidizing agents.

Hazardous decomposition products: Organic acid vapors.

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SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust is recommended. Mechanical is recommended.

Respiratory Protection: If exposure exceeds TLV air-supplied or NIOSH certified organic vapor - 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: COMBUSTIBLE LIQUID, N.O.S.
((3,4-DIHYDRO-2H-PYRAN-6-YL)DIMETHYLSILANOL)

DOT HAZARD CLASS: 3

DOT LABELS: Flammable Liquid

DOT ID No: UN1993

PG III

Prepared by safety and environmental affairs

MSDS ISSUE DATE SID3515.0: 10/29/14

SUPERSEDES: none

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