



Safety Data Sheet

1,6-BIS (trimethoxysilyl) hexane

Section 1. Identification

Product Identifier 1,6-BIS (trimethoxysilyl) hexane
Synonyms N/A
Manufacturer Stock Numbers B2495.7

Recommended use N/A
Uses advised against N/A

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Section 2. Hazards Identification

Classification EYE DAMAGE/IRRITATION - Category 2
SKIN CORROSION/IRRITATION - Category 2

Signal Word Warning

Pictogram



Hazard Statements	Causes serious eye damage Causes skin irritation Harmful if inhaled Harmful if swallowed
Precautionary Statements	
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin: Wash with plenty of water/ ... If skin irritation occurs: Get medical advice/attention. Specific treatment (see ... on this label) Take off contaminated clothing and wash it before reuse.
Prevention	Wash ...thoroughly after handling. Wear protective gloves.
Storage	N/A
Disposal	N/A
General	If medical advice is needed, have product container or label at hand Read label before use

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Medical Conditions Aggravated Perclude from exposure those individuals having a history of respiratory illness or pre-exisiting eye or skin conditions.

Comments It is recommended that exposure be minimized

Additional Information Material generate methanol on contact with water or moisture on the skin, eyes and mucous membranes.

Methanol is a tissue irritant that may be absorbed through the skin, produce systemic toxix effects. Vapors may be inhaled and metabolized to formaldehyde and formic acid resulting in systemic acidosis, blindness and ultimately death from respiratory arrest. Liquid produces effects similiar to inhalation overexposure when ingested.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
67-56-1	Methanol	Unknown
	1,6-Bis (trimethoxysilyl) hexane	Unknown

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

General Consult a physician. Show this safety data sheet to the doctor in attendance.
Move out of dangerous area

Eye	Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
Skin	Scrub with soap and water. Remove contaminated clothing and shoes.
Ingestion	Get medical attention
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Comments	If symptoms persist, get medical attention. Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water, CO2, foam, dry powder As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Unsuitable Extinguishing Media	N/A

Section 6. Accidental Release Measures

General Procedure	Absorb spill material with suitable chemical binder. Shovel absorbent into suitable waste container. Do not wash into sewer or soil, groundwater or surface water.
Special Protective Equipment	Wear appropriate personal protective equipment as specified in section 8.

Section 7. Handling and Storage

Handling	Do not breathe (dust, vapor, mist, gas).
Storage.	Store in a cool and dry place. Store in a tightly sealed container. Protect from heat, direct sunlight and source of ignition. Store away from acidic, alkaline and oxidizing materials. Provide adequate ventilation.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Methanol	N/A	N/A	N/A
	1,6-Bis (trimethoxysilyl) hexane	N/A	N/A	N/A
Personal Protective Equipment	Goggles, Gloves, Face Shield, Respirator			
Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.			
Eye and Face	Use chemical goggles			

Skin	Use impervious gloves. Use impervious clothing as necessary to protect against skin contact
Respiratory	Local exhaust required. Mechanical ventilation required. In case of exposure, use appropriate NIOSH approved respiratory protection
Work Hygienic Practices	General industrial hygiene practice
Comments	To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment, in accordance with the OSHA PPE Standard (29 CFR 1910.132), be conducted before using this product.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	N/A
Odor	N/A
Odor Threshold	N/A
Solubility	Reacts
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1.08
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	95 C
FP Method	Closed cup
pH	N/A
Melting Point	N/A
Boiling Point	161 C / 16mm
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	>1

Section 10. Stability and Reactivity

Stability	(Under Normal Conditions) Stable under ordinary conditions of use and storage
Polymerization	Hazardous polymerization will not occur
Conditions to Avoid	Water and moist air
Incompatible Materials	Oxidizing agents, alkali and acids

Additional Information Hazardous Decomposition: Generates Methanol; TLV (skin TWA) 200ppm.
Organic amine vapors

Section 11. Toxicological Information

Carcinogenicity IARC: No
NTP: No
OSHA: No

Additional Information Material generates Methanol on hydrolysis.

Methanol: Toxicity Data: ihl-hmn TClO: 86,000 mg/m³; ihl-hum TClO: 300ppm;
ihl-rat LC50: 64,000ppm/4hours; orl-hum LDLoL: 428 mg/kg; orl-hum LDLo:
143 mg/kg; orl-,am TDLo: 3429 mg/kg; orl-wmn TDLo: 4000 mg/kg; orl-rat
LD50: 5628 mg/kg; skn-rbt LD50: 15,800 mg/kg; unk-,am LDLo: 868 mg/kg

Irritation Data: eye-rbt 40 mg MOD iRR; skn-rbt 500mg/25hours MOD IRR

Methanol is the subject of a TSCA CHIP, a NIOSH Criteria Document, a NIOSH
Current Intelligence Bulletin, is a CERLA Hazardous Substance
(RQ=5000#/2270kg) is listed under RCRA (U154), and is a SARA Title II
Section 313 Toxic Chemical

Section 12. Ecological Information

Environmental Data No information available

Section 13. Disposal

Method Incineration recommended. Follow all federal, state and local regulations
Empty Container Containers of this material may be hazardous when empty since they retain
product residues (liquids). Observe all warnings and precautions listed for
this product.

Comments It is recommended that waste generators determine whether a discarded
chemical is classified as a hazardous waste.
Additionally, waste generators must consult with their waste broker and state
and local hazardous waste regulations to insure complete and accurate
classification.
Although not la listed RCRA hazardous waste, this material may exhibit one or
more characteristics of a hazardous waste and require appropriate analysis to
determine specific disposal requirements.
US EPA guidelines for classification determination are listed on 40CFR Parts
261.3

Section 14. Transport Information

UN Number N/A
UN Proper Shipping Name N/A
DOT Classification N/A

Packing Group

N/A

Section 15. Regulatory Information

TSCA

United States

TSCA (Toxic Substance Control Act)

TSCA Status: Some components are listed on the TSCA inventory

Section 16. Other Information

Revision Date

4/11/2016

Manufacturer Disclaimer

The data in this Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.

Manufacturer
Supplemental Notes
Statement

All technical data is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

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