

SAFETY DATA SHEET

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Product name: Phenoxytrimethylsilane

Synonyms: Trimethyl(phenoxy)silane

Company: Dalian Hefu Trading Co., Ltd.

Address: Room 1003 Yihua Building, No. 215 Huanghai Xisi Road, Dalian F.T.Z., Liaoning, China

Telephone: 0086 0411 39552835

Emergency telephone number : 0086 0411 39552835

Section 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Mixture

Product name: Phenoxytrimethylsilane

Concentration

CAS No.

1529-17-5

Section 3 - HAZARDS IDENTIFICATION

Potential Health Effects:

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Skin: May be harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Ingestion: May be harmful if swallowed

Potential Health Effects: No information found.

Inflammable and Explosive Dangerous: No

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Will burn if involved in a fire. Flammable liquid and vapor.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 - Accidental Release Measures

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition. Use a spark-proof tool. Do not let this chemical enter the environment.

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Section 7 - Handling and Storage

Handling: Use spark-proof tools and explosion proof equipment. Avoid breathing dust, mist, or vapor. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Storage: Keep away from sources of ignition. Store in a cool, dry place. Store in a tightly closed container. Flammables-area.

Section 8 - Exposure Controls, Personal Protection

Exposure Limits: none listed.

OSHA Vacated PELs: Phenoxytrimethylsilane: No OSHA Vacated PELs are listed for this chemical.

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.

Personal Protective Equipment:

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Appearance: Not available.

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: 81 deg C @23mmHg

Freezing/Melting Point: -55 deg C

Decomposition Temperature: Not available.

Solubility: Reacts.

Specific Gravity/Density: 0.926

Molecular Formula: C₉H₁₄OSi

Molecular Weight: 166.29

Section 10 - Stability and Reactivity

Chemical Stability: Stable. Moisture sensitive.

Conditions to Avoid: Incompatible materials, ignition sources, exposure to moist air or water.

Incompatibilities with Other Materials: Oxidizing agents, acids, bases.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxides of silicon.

Hazardous Polymerization: Has not been reported

Section 11 - Toxicological Information

Epidemiology: No information found

Teratogenicity: No information found

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Reproductive Effects: No information found

Mutagenicity: No information found

Neurotoxicity: No information found

Section 12 - Ecological Information

Ecotoxicity: No data available. No information available.

Environmental: No information available.

Physical: No information available.

Other: Do not empty into drains.

Section 13 - Disposal Considerations

Waste Disposal: Waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Section 14 - Transport Information

DOT (US)

UN-Number: 1993 **Class:** 3 **Packing group:** III

Proper shipping name: Flammable liquids, n.O.S. (Trimethylphenoxysilane)

Marine pollutant: No

Poison Inhalation Hazard: No

IMDG

UN-Number: 1993 **Class:** 3 **Packing group:** III EMS-No: F-E, S-E

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Trimethylphenoxysilane)

Marine pollutant: No

IATA

UN-Number: 1993 **Class:** 3 **Packing group:** III

Proper shipping name: Flammable liquid, n.O.S. (Trimethylphenoxysilane)

Section 15 - Regulatory Information

OSHA Hazards

Combustible Liquid, Irritant

DSL Status

This product contains the following components listed on the Canadian NDSL list. All other components are on the Canadian DSL list.

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Trimethylphenoxysilane 1529-17-5

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

CAS-No. Trimethylphenoxysilane 1529-17-5

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Section 16 - Additional Information

The information above is believed to be accurate and as requested the GB 16483-2008 (ISO 11014-1:1994). Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.



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