



MATERIAL SAFETY DATA SHEET

M.S.D.S.#00017

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1. Chemical Product and Contact Information

Product Name: Silane
Material Safety Sheet Number: 00017
Date of Issue: 06/20/00
Revision Date: 05/19/05
Company Identification: Pentron Clinical Technologies, LLC
P.O. Box 724
Wallingford, CT U.S.A. 06492
Phone: 800-551-0283
203-265-7397

Emergency Information Chemtrec: 800-424-9300
Chemtrec International: 202-483-7616

2. Composition/Information on Ingredients

Chemical characteristics: Organosilane in alcohol based solvent.
Description: Same as chemical characteristics above.
Hazardous components:

Element	CAS #	Exposure Limit mg/m ³	
		OSHA PEL	ACGIH TLV
Methyl Alcohol	67-56-1	260	262
Silane	7803-62-5	N/E	6.6

3. Hazard Identification

Risk identification: Flammable.
Special risks for human beings and environment: Unknown.
Classification: Unknown.

4. First Aid Measures

General information:
After skin contact: Remove with copious amounts of water and paper towel when in contact with skin.
After eye contact: Immediately rinse eyes for 15 min. with water. Consult an ophthalmologist if needed. Rinse/flush under physician care with saline solution.
After swallowing: Consult a physician immediately. Rinse oral cavity with water and exude or expectorate. Induce vomiting. Seek fresh air.

5. Fire Fighting Measures

Extinguishing media: Chemical foam, carbon dioxide or dry chemical.
Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Personal precautions: Wear protective masks, gloves and goggles and follow common hygienic measures.
Environmental precautions: Absorb with inert material. Collect in closed containers and dispose of as recommended. Avoid skin contact, wear protective equipment.
Methods for cleaning up: Dispose in accordance with Federal, State, and local regulations.
Additional information: Unknown.

7. Handling and Storage

Store material below 80°F, away from direct sunlight, oxidizing, and/or reducing agents.

8. Exposure Controls/Personal Protection

Components with limits of values to be supervised at the workplace: The product contains no relevant quantities of components with limits of values to be supervised at the workplace.

Additional information:
Personal protective equipment: Protective gloves, goggles are recommended.
General measure of protection and hygiene: Normal hygienic measures.
Respiration: Masks.
Hands: Protective gloves.
Eyes: OSHA approved goggles.



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9. Physical and Chemical Properties

Appearance: Form: Liquid.
Color: Clear.
Odor: Alcohol odor.

Information on change in the physical state

Melting point/melting range:	Not applicable.
Boiling point/boiling range:	65° C
Flash point:	12° C
Autoignition temperature:	470° C
Danger of explosion:	Autoignites, explodes in presence of flame.
Specific gravity:	0.80 gm/cc
Vapor pressure:	Unknown.
Vapor density:	1.11
Viscosity:	Not applicable.
pH:	Not applicable.
Solubility in/miscibility with water:	Soluble.
Content of solvents:	
Organic solvents:	≥ 90%
Water:	None.
Content of solids:	≤0.1%

10. Stability and Reactivity

Incompatibility with other substances: Heat, excessive water or moisture, strong oxidizing and reducing agents.
Hazardous decomposition products: Unknown.

11. Toxicological Information

Carcinogenicity: NTP: not listed.
IARC Monographs: not listed.
OSHA Regulated: not listed.
TLV: Unknown.
Primary Routes of entry: Inhalation/ingestion, skin, and eyes.

12. Ecological Information

General information: Unknown.
Classification of water endangerment: Unknown.

13. Disposal Considerations

Disposal consideration: Dispose in accordance with Federal, State, and local regulations.

14. Transport Information

Not classified as dangerous goods.

15. Regulatory information

Classification according to EEC guidelines: Unknown.
National Prescriptions: Unknown.
Classification according to VbF: Unknown.

16. Other Information

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