

Section 1: Chemical Product and Company Identification

Cat#: 00692
 Part Name: HEXAMETHYLDISILAZANE (DS #342)
 Supplier: Polysciences, Inc.
 400 Valley Road
 Warrington, PA 18976
 Telephone #215-343-6484

Section 2: Composition/ Information on Ingredients

Item#	Name	CAS#	Fraction
1	(Hexamethyldisilazane)	000999973	1

OSHA (ACGIH) Exposure Limits

CAS#:	OSHA:	TWA		STEL		CEILING	
		ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
000999973	NE	NE	NE	NE	NE	NE	NE
IDLH:	ACGIH:	NE	NE	NE	NE	NE	NE

Section 3: Hazards Identification

Causes skin, eye and respiratory tract burns.
 Harmful if inhaled, absorbed through skin or swallowed.
 Hazard Ratings:

These ratings are Polysciences' Inc. own assesments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).

If no data is listed the information is not available.

Health	Flammability	Reactivity
3	----- 3	----- 1

Section 4: First Aid Measures

Contact medical personnel immediately.
 Flush eyes with flowing water for at least 15 minutes. If breathing is difficult, contact emergency personnel.
 If swallowed, NO NOT INDUCE vomiting. Give 8 oz. of water or milk to drink.
 Call a physician or the POISON CONTROL CENTER immediately. Never give anything by mouth to an unconscious person.
 Remove contaminated clothing.
 Separate eyelids with finger tips.
 Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire Fighting Measures

Flash point, deg F.: 52 Method: no data
 UEL: no data LEL: no data Autoignition temperature, deg. F.: >700 F
 Flammability Classification: 3 Flame Propagation Rate: no data
 Hazardous Combustion Products: none

Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.
 Absorb liquids on absorbent material.
 Contain spilled liquids.
 Protect personnel from exposure.
 Remove ignition sources.
 Ventilatae the area.

Section 7: Handling and Storage
Store at 25 deg. C.

Section 8: Exposure Controls/ Personal Protection
The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.
Use chemical splash goggles and face shield.
Use latex or equivalent gloves.
Use process enclosures, local exhaust ventilation, or other engineering controls.

Section 9: Physical and Chemical Properties
Formula: C6H19NSi2 vapor pressure: 1.04 mm Hg/20 C
Formula Weight: 161.4 vapor density: no data
boiling point: 259 Specific gravity: 0.77
melting point: no data ph: no data
solubility: reacts appearance: colorless liquid

Section 10: Stability and Reactivity
Chemical Stability: stable
Conditions to Avoid: ignition sources
Incompatibility with other materials: water; alcohols; oxidizers; alkalis
Hazardous Decomposition Products: none
Hazardous Polymerization: will not occur

Section 11: Toxicological Information
Acute Data: LD50 oral mouse 874 mg/kg
Subchronic data: liquid and vapors react with water to product ammonia

Section 12: Ecological Information
no data

Section 13: Disposal Considerations
The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

CAS#	Waste Code	Regulated Name
000999973	not listed	not listed

Section 14: Transportation Data
Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

Section 15: Regulatory Information
All components of this product are on the TSCA public inventory.

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

CAS#	Column A	Column B
000999973	no	no

State Regulatory Information :If a CAS# is listed below this material is

subject to the listed state right-to-know requirements.

CAS#

000999973 not listed

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)
This list identifies the toxic chemicals, including their de minimis
concentrations for which reporting is required under Section 313 of the
Emergency

Planning and Community Right-to-Know Act (EPCRA). The list is also referred
to as the Toxics Release Inventory (TRI) List.

CAS# Regulated Name de minimis conc. %Rep. Thres.

000999973 not listed not listed not listed

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and
extremely hazardous substances regulated under Section 302 of SARA Title III
with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

CAS# Regulated Name TPQ (pounds) EHS-RQ(pounds)

000999973 not listed not listed not listed

CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in
the federal regulations at 40 CFR Part 302, Table 302.4. Release of a

CERCLA hazardous substance in an amount equal to or greater than its RQ, in
any 24-hour period, must be reported to the National Response Center at (800)
424-8802.

CAS# Regulated name RQ pounds

000999973 Not listed Not listed

Section 16: Other Information

POLYSCIENCES, INC. provides the information contained herein in good faith but
makes no representation as to its comprehensiveness or accuracy. Individuals
receiving this information must exercise their independent judgment in
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END OF MSDS