



Material Safety Data Sheet

WIOLAN SH-10

1. Chemical Product and Company Identification

Product Name	WIOLAN SH-10	Emergency Phone Number	24 HOUR - (800) 424-9300 (CHEMTREC)
Company Name	Houghton International Inc. Madison & Van Buren Aves Valley Forge, PA 19482	FAX	(610) 666-1376
Website	www.houghtonintl.com	Customer Service	(888) 459-9844
Telephone	(610) 666-4000		

2. Hazardous Ingredients

Component	Cas No	% by Weight	Hazards
Mineral Oil	64742-57-0 64742-58-1 64742-62-7 72623-83-7	>60	TLV: 5 mg/m ³ as oil mist PEL: 5 mg/m ³ as oil mist STEL: 10 mg/m ³ as oil mist Other: N/E

N/E - Not Established; N/A - Not Applicable; Mfr - Manufacturer Recommendation

3. Hazards Identification

Primary Entry Routes	EYES, SKIN, INHALATION
Acute Effects	
Inhalation	MISTS MAY IRRITATE UPPER RESPIRATORY TRACT.
Eye	MAY CAUSE MILD IRRITATION.
Skin	MAY CAUSE MILD IRRITATION ON PROLONGED CONTACT.
Ingestion	NO SIGNIFICANT EFFECTS KNOWN.
Carcinogenicity	NO COMPONENT KNOWN TO BE PRESENT IN THIS PRODUCT AT GREATER THAN 0.1% IS LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.
Medical Conditions Aggravated by LongTerm Exposure	PRE-EXISTING SKIN AND RESPIRATORY CONDITIONS MAY BE AGGRAVATED.
Chronic Effects	UNKNOWN
HMIS:	



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3. Hazards Identification - continued

Health	1
Flammability	1
Reactivity	0

* indicates that there may be chronic health effects present

4. First Aid Measures

Inhalation	REMOVE TO SOURCE OF FRESH AIR.
Eye Contact	FLUSH WITH WATER 15 MINUTES; CONSULT PHYSICIAN.
Skin Contact	WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND LAUNDRER BEFORE REUSING.
Ingestion	DO NOT INDUCE VOMITING; CONSULT PHYSICIAN.
Note to Physicians	NO SPECIFIC ANTIDOTE KNOWN. BASED ON INDIVIDUAL REACTIONS OF THE PATIENT, THE PHYSICIAN'S JUDGMENT SHOULD BE USED TO CONTROL SYMPTOMS AND CLINICAL CONDITIONS.

N/A - Not Applicable

5. Fire Fighting Measures

Flash Point	353°F / 178°C (CLEVELAND OPEN CUP)
Autoignition Temperature	N/D
LEL	N/D
UEL	N/D
Extinguishing Media	CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Unusual Fire or Explosion Hazards	NONE.
Fire Fighting Instructions	NONE.
NFPA:	
Health	1
Flammability	1

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WIOLAN SH-10****5. Fire Fighting Measures - continued**

Reactivity	0
Special	N/A

N/A - Not Applicable; ND - Not Determined; > - Greater Than; < - Less Than

6. Accidental Release Measures

Spill or Release Procedures APPLY DRY ABSORBENT MATERIAL AND SWEEP UP.

7. Handling and Storage

Handling Precautions AVOID CONTACT WITH STRONG OXIDIZERS. WASH THOROUGHLY AFTER HANDLING.

Storage Requirements KEEP CONTAINERS CLOSED WHEN NOT IN USE.

8. Exposure Controls/Personal Protection

Engineering Controls LOCAL PREFERRED FOR MISTING; OTHERWISE GENERAL MECHANICAL IS ADEQUATE.

Personal Protective Equipment

Eye/Face Protection SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

Skin Protection RUBBER GLOVES.

Respiratory Protection REQUIRED IF EXPOSURE LIMITS IN SECTION 2 ARE EXCEEDED.

Other EYE WASH AND SAFETY SHOWER RECOMMENDED.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, or applying cosmetics.

9. Physical and Chemical Properties

Appearance	AMBER LIQUID	Water Solubility	INSOLUBLE
Odor	MILD MINERAL OIL ODOR	Boiling Point	>400°F

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WIOLAN SH-10****9. Physical and Chemical Properties - continued**

Vapor Pressure (mmHg)	< 1	Freezing/ Melting Point	N/D
Vapor Density (Air = 1)	> 1	Evaporation Rate (BuAc = 1)	< 1
Specific Gravity (Water = 1)	0.864		
pH (Neat)	N/A		
pH (Dilution)			
pH	N/A		

N/D - Not Determined; N/A - Not Applicable; > - Greater Than; < - Less Than

10. Stability and Reactivity

Stability	THIS PRODUCT IS STABLE AT ROOM TEMPERATURE IN CLOSED CONTAINERS UNDER NORMAL STORAGE AND HANDLING CONDITIONS.
Chemical Incompatibilities	STRONG OXIDIZERS
Hazardous Decomposition Products	THERMAL; OXIDES OF CARBON
Hazardous Polymerization	HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

11. Toxicological Information

NO DATA AVAILABLE

12. Ecological Information

NO DATA AVAILABLE

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WIOLAN SH-10****13. Disposal Considerations**

Disposal	FOLLOW PERTINENT REGULATIONS FOR DISPOSAL. IT IS THE RESPONSIBILITY OF THE PRODUCT USER TO DETERMINE, AT THE TIME OF DISPOSAL, WHETHER A MATERIAL CONTAINING THE PRODUCT OR DERIVED FROM THE PRODUCT SHOULD BE CLASSIFIED AS A HAZARDOUS WASTE.
RCRA Hazardous Waste Number	N/A

14. Transportation Information

Proper Shipping Name	NOT HAZARDOUS UNDER DOT, AIR, OR IMO REGULATIONS.
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15. Regulatory Information

TSCA Section 8(b)	ALL OF THE COMPONENTS IN THIS PRODUCT ARE ON THE TSCA INVENTORY.
CERCLA Reportable Quantity	NONE
SARA Title III, Section 313	THIS PRODUCT CONTAINS NO TOXIC CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.
Ozone Depleting Substances	THIS PRODUCT WAS NOT MANUFACTURED, DOES NOT CONTAIN, AND WAS NOT PACKAGED USING ANY CLASS I OR CLASS II OZONE DEPLETING SUBSTANCE AS DEFINED BY THE CLEAN AIR ACT.

16. Other Information

Prepared By	GARY CARL
Title	MANAGER, PRODUCT SAFETY

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