

**Material Safety Data Sheet  
COSMOLINE 1116****1. Chemical Product and Company Identification**

Product Name	COSMOLINE 1116	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	64742-52-5	>60	TLV: 5 mg/m <sup>3</sup> as oil mist PEL: 5 mg/m <sup>3</sup> as oil mist STEL: 10 mg/m <sup>3</sup> as oil mist Other:

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

**3. Hazards Identification**

Primary Entry Routes	EYES, SKIN, INHALATION
Acute Effects	
Inhalation	AVOID BREATHING PRODUCT MISTS. MISTS MAY CAUSE IRRITATION OF UPPER RESPIRATORY TRACT.
Eye	MILD EYE IRRITANT.
Skin	MAY BE A SLIGHT SKIN IRRITANT ON PROLONGED CONTACT.
Ingestion	INGESTION MAY CAUSE SLIGHT STOMACH IRRITATION AND DISCOMFORT.
Carcinogenicity	THIS PRODUCT DOES NOT CONTAIN ANY COMPONENT REPORTABLE AS A CARCINOGEN UNDER 29 CFR 1910.1200.
Medical Conditions Aggravated by LongTerm Exposure	PRE-EXISTING SKIN AND RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE.
Chronic Effects	UNKNOWN
HMIS:	



# Material Safety Data Sheet

## COSMOLINE 1116

### 3. Hazards Identification - continued

Health	0
Flammability	1
Reactivity	0

\* indicates that there may be chronic health effects present

### 4. First Aid Measures

Inhalation	IF INHALED, REMOVE TO SOURCE OF FRESH AIR.
Eye Contact	FLUSH EYES WITH WATER 15 MINUTES; CONSULT PHYSICIAN IF IRRITATION PERSISTS.
Skin Contact	WASH SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSING. CONSULT PHYSICIAN IF IRRITATION PERSISTS.
Ingestion	IF INGESTED, 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	275°F
Method Used	COC
Autoignition Temperature	N/D
LEL	N/D
UEL	N/D
Extinguishing Media	USE CARBON DIOXIDE, FOAM OR DRY CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER ONTO BURNING PRODUCT.
Unusual Fire or Explosion Hazards	NO UNUSUAL FIRE OR EXPLOSION HAZARDS.
Fire Fighting Instructions	WEAR PROTECTIVE GEAR DURING FIREFIGHTING.

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COSMOLINE 1116****5. Fire Fighting Measures - continued**

## NFPA:

Health	0
Flammability	1
Reactivity	0
Special	N/A

N/A - Not Applicable; ND - Not Determined; &gt; - Greater Than; &lt; - Less Than

**6. Accidental Release Measures**

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

**7. Handling and Storage**

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

Storage Requirements      KEEP CONTAINERS CLOSED WHEN NOT IN USE.

**8. Exposure Controls/Personal Protection**

Engineering Controls      EXHAUST TYPE IF MISTING; OTHERWISE GENERAL TYPE IS SATISFACTORY.

## Personal Protective Equipment

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

Skin Protection      USE RUBBER GLOVES AND PROTECTIVE CLOTHING TO MINIMIZE SKIN CONTACT.

Respiratory Protection      RESPIRATORY PROTECTION REQUIRED IF APPLICABLE EXPOSURE LIMITS 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.

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COSMOLINE 1116****9. Physical and Chemical Properties**

Appearance	AMBER LIQUID	Water Solubility	NEGLIGIBLE
Odor	BLAND	Boiling Point	>350°F
Vapor Pressure (mmHg)	N/D	Freezing/ Melting Point	N/D
Vapor Density (Air = 1)	N/D	Evaporation Rate (BuAc = 1)	<1
Specific Gravity (Water = 1)	0.897		
pH (Neat)	N/A		

N/D - Not Determined; N/A - Not Applicable; &gt; - Greater Than; &lt; - 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; TRACE OXIDES OF SULFUR.
Hazardous Polymerization	HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

**11. Toxicological Information**

NO DATA AVAILABLE

**12. Ecological Information**

NO DATA AVAILABLE

**13. Disposal Considerations**

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COSMOLINE 1116****13. Disposal Considerations - continued**

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 (40 CFR 261.20-24).
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.
Michigan Critical Materials Register	< 1.0% ZINC AS ZINC DIALKYL DITHIOPHOSPHATE (I.D. NO 003D; PARAMETER NO 7440-66-6)
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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COSMOLINE 1116****16. Other Information - continued**

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