



# Material Safety Data Sheet

## CUT-MAX 246

### 1. Chemical Product and Company Identification

Product Name	CUT-MAX 246	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	INHALATION OF MISTS MAY CAUSE IRRITATION OF UPPER RESPIRATORY TRACT.
Eye	MILD EYE IRRITANT.
Skin	MAY BE A SLIGHT IRRITANT TO SENSITIVE SKIN ON PROLONGED CONTACT.
Ingestion	NO SIGNIFICANT EFFECTS KNOWN IF INGESTION.
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

## CUT-MAX 246

### 3. Hazards Identification - continued

Health	1
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.
Skin Contact	WASH SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.
Ingestion	IF INGESTED, DO NOT INDUCE VOMITING; GIVE VEGETABLE OIL DEMULCENTS, 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	280°F / 138°C (CLEVELAND OPEN CUP)
Autoignition Temperature	N/D
LEL	N/D
UEL	N/D
Extinguishing Media	USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Unusual Fire or Explosion Hazards	UPON COMBUSTION, MAY RELEASE FUMES OF SULFUR OXIDES AND HYDROGEN CHLORIDE.
Fire Fighting Instructions	TREAT AS AN OIL FIRE. WEAR PROTECTIVE GEAR DURING FIREFIGHTING.
NFPA:	
Health	1



# Material Safety Data Sheet

## CUT-MAX 246

### 5. Fire Fighting Measures - continued

Flammability	1
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 OIL ABSORBENT TYPE 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      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.

**Material Safety Data Sheet  
CUT-MAX 246****9. Physical and Chemical Properties**

Appearance	CLEAR, DARK BROWN LIQUID	Water Solubility	INSOLUBLE
Odor	ODOR OF SULFURIZED OIL	Boiling Point	> 300°F
Vapor Pressure (mmHg)	< 1	Freezing/ Melting Point	N/D
Vapor Density (Air = 1)	> 1	Evaporation Rate (BuAc = 1)	< 1
Specific Gravity (Water = 1)	0.935		
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 AND SULFUR; TRACE HYDROGEN CHLORIDE
Hazardous Polymerization	HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

**11. Toxicological Information**

NO DATA AVAILABLE

**12. Ecological Information**

NO DATA AVAILABLE

**13. Disposal Considerations**



# Material Safety Data Sheet CUT-MAX 246

## 13. Disposal Considerations - continued

Disposal FOLLOW UP 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.

## 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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