



# Material Safety Data Sheet

## HOCUT 795-B

### 1. Chemical Product and Company Identification

Product Name	HOCUT 795-B	CHEMTREC Company Code	HOUH
Company Name	Houghton International Inc. Madison & Van Buren Aves Valley Forge, PA 19482	CHEMTREC Customer Number	10769
Company Name	Houghton Canada Inc. 115 Walker Drive, Unit B Brampton, ON L6T 5P5 Phone: 905-494-3770	FAX  Customer Service	(610) 666-1376  (888) 459-9844
Website	www.houghtonintl.com	Product Use	Metalworking Fluid
Telephone	(610) 666-4000		
Emergency Phone Number	24 HOUR - (800) 424-9300 or (703) 527-3887 (CHEMTREC)		
Emergency Phone Number - Canada	24 HOUR - 613-996-6666 (CANUTEC)		

### 2. Hazardous Ingredients

Component	Cas No	% by Weight	Hazards
Glycerine	56-81-5	1-10	TLV: 10 mg/m <sup>3</sup> (mist) PEL: 15 mg/m <sup>3</sup> (total dust)
Mineral Oil	64742-52-5	30-60	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:
Monoisopropanolamine	78-96-6	1-5	TLV: N/E PEL: N/E STEL: N/E Other: 5 ppm (Mfr)

N/E - Not Established; N/A - Not Applicable; Mfr - Manufacturer Recommendation  
TLV, STEL - ACGIH; PEL - OSHA



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### 3. Hazards Identification

Primary Entry Routes	EYES, SKIN, INHALATION
Acute Effects	
Inhalation	AVOID BREATHING PRODUCT MISTS. INHALATION OF MISTS MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT.
Eye	MAY CAUSE MILD EYE IRRITATION.
Skin	MAY CAUSE MILD IRRITATION TO SKIN ON PROLONGED CONTACT.
Ingestion	INGESTION MAY CAUSE IRRITATION TO MOUTH, THROAT AND DIGESTIVE TRACT.
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:	
Health	1
Flammability	0
Physical Hazard	0

\* indicates that there may be chronic health effects present

### 4. First Aid Measures

Inhalation	IF INHALED, REMOVE TO A SOURCE OF FRESH AIR.
Eye Contact	FLUSH EYES WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN.
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



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## HOCUT 795-B

### 5. Fire Fighting Measures

Flash Point	N/A
Method Used	CLEVELAND OPEN CUP
Autoignition Temperature	N/D
LEL	N/D
UEL	N/D
Extinguishing Media	PRODUCT CONTAINS WATER. IF WATER IS REMOVED, USE CARBON DIOXIDE, DRY CHEMICAL OR FOAM.
Unusual Fire or Explosion Hazards	NO UNUSUAL FIRE OR EXPLOSION HAZARDS.
Fire Fighting Instructions	WEAR SELF-CONTAINED BREATHING APPARATUS IN CONFINED AREAS.
NFPA:	
Health	1
Flammability	0
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 THOROUGHLY.
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### 7. Handling and Storage

Storage and Handling Requirements	AVOID STORAGE NEAR STRONG OXIDIZERS. WASH THOROUGHLY AFTER HANDLING. DO NOT ADD NITRITES TO THIS PRODUCT. USE WITH ADEQUATE VENTILATION. KEEP CONTAINERS CLOSED WHEN NOT IN USE.
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## HOCUT 795-B

### 8. Exposure Controls/Personal Protection

Engineering Controls	GENERAL MECHANICAL VENTILATION IS ADEQUATE. LOCAL EXHAUST PREFERRED IN MISTING CONDITIONS.
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	EYEWASH 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	EMULSIFIES
Odor	MILD OIL-AMINE ODOR	Boiling Point	> 200°F/ 93°C
Vapor Pressure (mmHg)	< 1	Freezing/ Melting Point	N/D
Vapor Density (Air = 1)	> 1	VOC	113 g/L
Specific Gravity (Water = 1)	0.97	VOC Method Used	ASTM E1868-10
pH (Neat)	10.2	Evaporation Rate (BuAc = 1)	< 1
pH (Dilution)			
At Percent	5		
pH	9.5		

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

**Material Safety Data Sheet  
HOCUT 795-B****10. Stability and Reactivity**

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

**11. Toxicological Information**

NO DATA AVAILABLE

**12. Ecological Information**

NO DATA AVAILABLE

**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. (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.
TDG	NOT REGULATED UNDER THE CANADIAN TRANSPORTATION OF DANGEROUS GOODS REGULATION.

**Material Safety Data Sheet  
HOCUT 795-B****15. Regulatory Information**

TSCA Section 8(b)	ALL OF THE COMPONENTS IN THIS PRODUCT ARE ON THE TSCA INVENTORY.
DSL	ALL OF THE COMPONENTS IN THIS PRODUCT ARE ON THE CANADIAN DSL. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR.
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.
SCAQMD	SCAQMD RULE 1144: THIS PRODUCT CONTAINS VOCS AS DETERMINED BY TEST METHOD ASTM E1868-10 AND CAN ONLY BE USED AS A METAL WORKING FLUID OR AS A DIRECT CONTACT LUBRICANT AT A MAXIMUM CONCENTRATION OF 20% IN CALIFORNIA'S SCAQMD REGION AS PER RULE 1144. VOC CONTENT FOR THIS PRODUCT IS 113 G/L.
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.
WHMIS	D2B

**16. Other Information**

Date of Preparation:	13 September 2011
Prepared By	GARY CARL
Title	MANAGER, PRODUCT SAFETY
Telephone Number	(610) 666-4000

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