

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product name: MASTERS CUTTING OIL
Product use: Thread Cutting Lubricant
Chemical family: Hydrocarbon Cutting Oil

Supplier / Manufacturer name and address:

G.F. THOMPSON CO. LTD.
 620 Steven Court
 Newmarket, Ontario
 L3Y 6Z2
 Tel.: 905-898-2557

Emergency Tel. #:
 416-786-4336

WHMIS CLASS: Not Controlled

SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>
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No Hazardous Ingredients found in this product

SECTION III - PHYSICAL DATA

Physical State:	Liquid
Odour and appearance:	Clear Golden to amber solution with petroleum odour.
Specific gravity:	0.89
Vapor pressure (mm Hg @ 20°C):	<0.1
Boiling point:	Not Determined
pH:	Not Applicable
Vapor density (Air = 1) :	>1.0
Evaporation rate (BuAc = 1):	Not Determined
Freezing Point:	Not Determined
Solubility in water:	Insoluble
VOC's:	NONE

*This product contains no ingredient meeting the US EPA definition of VOC.
 (see miscellaneous information)

SECTION IV - FIRE AND EXPLOSION DATA

Conditions of flammability: Will burn at temperatures above the Flash Point
Extinguishing Media: Small fire – use dry powder
 Large fire – use water spray, fog or foam. Do not use water jet.

Flash point (Method) : >180° C / 356° F COC
Upper flammable limit %: Not determined
Lower flammable limit %: Not determined
Hazardous Combustion Products: Oxides of Carbon and sulfur in cases of incomplete combustion, smoke and fumes.
Unusual Fire and Explosion Hazard: None known

***** NFPA CLASSIFICATION ****

Health - 1
 Fire - 1
 Reactivity 0

SECTION V - REACTIVITY DATA

Stability: Stable.
Incompatible materials: Strong oxidizing agents: Peroxides, Chlorine, Strong Acids, etc.
Hazardous Polymerization: Material is not known to polymerize.
Hazardous Decomposition: Oxides of Carbon and Sulfides.

SECTION VI – HEALTH HAZARD INFORMATION

*** Routes of entry ***

Inhalation: No acute effects are expected.
Skin: Prolonged or repeated contact with skin may cause dryness or mild irritation
Eyes: This product can cause redness, irritation or a burning sensation.
Ingestion: Small amounts ingested incidental to normal handling are not likely to cause injury, large amounts ingested may cause injury

SECTION VII - FIRST AID

Inhalation: If breathing is difficult, remove victim to fresh air, give artificial respiration if not breathing.
Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water or waterless hand cleaner. If irritation occurs, get medical attention.
Eyes: In case of contact, check and remove any contact lenses, flush eyes with large amounts of water for at least 20 minutes. Get medical attention.
Ingestion: Do not induce vomiting unless instructed to do so by a doctor. Get medical attention.

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SECTION VIII - PREVENTIVE MEASURES

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Spill, leak or release: If material is spilled or released to the atmosphere, steps should be taken to prevent discharges to streams or sewer systems. Spills or releases should be reported, if required, to the appropriate local, provincial and federal regulatory agencies.

Waste disposal: Clean up action should be carefully planned and executed. Shipment, storage and / or disposal of waste materials are regulated and action to handle or dispose of spilled or released materials must meet all local, provincial and federal rules.

Storage: Protect against physical damage. Separate from oxidizing materials. Store in cool, well ventilated area of non-combustible construction away from possible sources of ignition.

***** PROTECTIVE EQUIPMENT *****

Respiratory protection: Not required under normal OSHA PEL. Use NIOSH approved respirators to prevent over-exposure.

Ventilation: Use explosive proof ventilation as required to control vapour concentration.

Protective gloves: Nitrile gloves provide best protection to hands and arms.

Eye protection: Safety glasses with side shields or goggles.

Personal Hygiene: Wear effective plant clothing. Contaminated clothing should be removed and washed in soap and water. Cleanse skin thoroughly with soap and water before meals. Shower and eyewash facilities should be accessible.

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Miscellaneous Information

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This product is formulated without the use of VOC's, and further there are no VOC's in this product.

The EPA definition of a VOC (1997) is:

"Volatile organic compounds (VOC) means any compound of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, which participates in atmospheric photochemical reactions"

In all metalwork fluids containing amines, there is a potential for forming nitrosamine, which are animal carcinogens. Therefore, no nitrates or related nitrosamine agents should be added to such composition.

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Additional Notes

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Prepared by: G. F. THOMPSON CO. LTD.
Telephone: 905-898-2557
Preparation date: January 1, 2011