



CHEMICAL TECHNOLOGIES INC.

P.O. Box 91055  
TORONTO, ON  
M9C 5N5  
Tel: 416-848-3917  
Fax: 647-430-3455

# MATERIAL SAFETY DATA SHEET

## FIVE IN ONE LUBRICANT INDUSTRIAL

### SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION	WHMIS CLASS D-2B
CHEMICAL FORMULA	MIXTURE
MOLECULAR WEIGHT	NOT APPLICABLE
MATERIAL USE	LUBRICANT

### SECTION 2 HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENT	MINERAL OIL
APPROX. CONCENTRATION %	40-50
CAS	8042-47-5
EXPOSURE LIMITS	NOT AVAILABLE
LD50/LC50/SPECIES/ROUTE	NOT AVAILABLE
HAZARDOUS INGREDIENT	OCTAMETHYLCYCLOTETRAILOXANE
APPROX. CONCENTRATION %	1-5
CAS	556-67-2
EXPOSURE LIMITS	NOT AVAILABLE
LD50/LC50/SPECIES/ROUTE	NOT AVAILABLE
HAZARDOUS INGREDIENT	DECAMETHYLCYCLOPENTASILOXANE
APPROX. CONCENTRATION %	1-5
CAS	541-02-6
EXPOSURE LIMITS	NOT AVAILABLE
LD50/LC50/SPECIES/ROUTE	NOT AVAILABLE
HAZARDOUS INGREDIENT	DIPROPYLENE GLYCOL MONOMETHYL ETHER
APPROX. CONCENTRATION %	1-5
CAS	34590-94-8
EXPOSURE LIMITS	TWA: 100 CEIL: 150 (PPM) TWA: 600 CEIL: 900 (MG/M <sup>3</sup> )
LD50/LC50/SPECIES/ROUTE	ORAL (LD50) MG/KG: ACUTE: 5380 MG/KG (RAT) DERMAL (LC50) PPM: ACUTE: 9510 MG/KG (RABBIT)

### SECTION 3 PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE	LIQUID
ODOUR AND APPEARANCE	SOLVENT ODOUR, BROWNISH LIQUID
ODOUR THRESHOLD (PPM)	NOT AVAILABLE
SPECIFIC GRAVITY	0.84
VAPOUR PRESSURE (MM)	NOT DETERMINED
VAPOUR DENSITY (AIR =1)	>1

EVAPORATION RATE	NOT DETERMINED
BOILING POINT (°C)	~500°F
FREEZING POINT (°C)	NOT DETERMINED
SOLUBILITY IN WATER (20°C)	SLIGHT
% VOLATILE (BY VOL.)	>85
PH	NOT AVAILABLE

#### SECTION 4 FIRE AND EXPLOSION DATA

FLAMMABILITY	NON FLAMMABLE
MEANS OF EXTINCTION	USE DRY CHEMICALS, CO2, WATER SPRAY OR FOAM.
SPECIAL PROCEDURES	NOT AVAILABLE
FLASHPOINT (°C) AND METHOD	OPEN CUP: >200°F. (TAGLIABUE).
UPPER EXPLOSION LIMIT (% BY VOL.)	NOT DETERMINED
LOWER EXPLOSION LIMIT (% BY VOL.)	NOT DETERMINED
HAZARDOUS COMBUSTION PRODUCTS	THESE PRODUCTS ARE CARBON OXIDES (CO, CO <sub>2</sub> ).

#### SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBILITY? TO WHAT?	AVOID CONTACT WITH STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS	THESE PRODUCTS ARE CARBON OXIDES (CO, CO <sub>2</sub> ) AND OTHER IRRITATING GASES.

#### SECTION 6 TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT Y/N	Y
ROUTE OF ENTRY EYE CONTACT Y/N	Y
ROUTE OF ENTRY INHALATION Y/N	Y
ROUTE OF ENTRY INGESTION Y/N	Y
EFFECTS OF ACUTE EXPOSURE	THIS PRODUCT MAY IRRITATE EYES AND SKIN UPON CONTACT. SLIGHTLY DANGEROUS TO DANGEROUS IN CASE OF INGESTION OR INHALATION.
EFFECTS OF CHRONIC EXPOSURE	NONE KNOWN
SYNERGISTIC MATERIALS	NOT AVAILABLE
CARCINOGENICITY Y/N	N
REPRODUCTIVE EFFECTS Y/N	N
TERATOGENCITY Y/N	N
MUTAGENICITY Y/N	N

#### SECTION 7 PREVENTIVE MEASURES

GLOVES	IMPERVIOUS GLOVES
EYEWEAR	SAFETY GLASSES
FOOTWEAR	AS REQUIRED BY EMPLOYER CODE
CLOTHING	AS REQUIRED BY EMPLOYER CODE
ENGINEERING CONTROLS	GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.
LEAK AND SPILL PROCEDURE	DILUTE WITH WATER AND MOP UP, OR ABSORB WITH AN INERT DRY MATERIAL AND PLACE IN AN APPROPRIATE WASTE DISPOSAL CONTAINER.
WASTE DISPOSAL	CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.
STORAGE REQUIREMENTS	MATERIALS SHOULD BE STORED AWAY FROM EXTREME HEAT AND AWAY FROM STRONG OXIDIZING AGENTS. KEEP CONTAINER

TIGHTLY CLOSED IN A COOL, WELL-VENTILATED PLACE.  
GROUND ALL EQUIPMENT CONTAINING MATERIAL.

**SECTION 8 FIRST AID MEASURES**

SKIN	WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE REUSING.
EYE	CHECK FOR AND REMOVE ANY CONTACT LENSES. IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES, KEEPING EYELIDS OPEN. COLD WATER MAY BE USED. DO NOT USE AN EYE OINTMENT. SEEK MEDICAL ATTENTION.
INHALATION	REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.
INGESTION	DO NOT INDUCE VOMITING. HAVE CONSCIOUS PERSON DRINK SEVERAL GLASSES OF WATER OR MILK. SEEK IMMEDIATE MEDICAL ATTENTION.

*VALIDATED BY YORK CHEMICALS  
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