

SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: Elevating Unit Oil
IDENTIFICATION NUMBER: HTA-259
PRODUCT USE: Machine Lubricant

DISTRUBUTOR'S NAME: United Testing Systems Canada Ltd.
PHONE NUMBER: 905-669-5327
DISTRUBOTOR'S ADDRESS: 225 Bradwick Drive, Unit 21
Concord, Ontario, Canada
L4K 1K7

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION and Synonyms:
SYN. Hydrocarbons and additives.

Ingredients Considered Hazardous to Health.
This product is not formulated to contain ingredients which have exposure limits established by regulatory agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparation directives. See section 15 for a regulatory analysis of the ingredients.

SECTION 3 – POSSIBLE HAZARDS IDENTIFICATION OF THE PREPARATION

Effects of Overexposure: No significant effects expected.

SECTION 4 – FIRST AID MEASURES

GENERAL: In all causes of doubt seek medical attention.

INHALATION: Not expected to be a problem. If greater than ½ liter (pint) ingested, seek medical attention

SKIN CONTACT: Remove contaminated (drenched) clothing. Wash skin with soap and water.

EYE CONTACT: Rinse thoroughly with clean water. If irritation occurs call physician.

INGESTION: Obtain medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Carbon dioxide, foam, dry chemical and water fog.

SPECIAL FIRE FIGHTING PROCEDURES:

Water foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewer, or drinking water supply.

SPECIAL PROTECTIVE EQUIPMENT:

For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

Flash Point: C(F); > 200 (392) ASTM-D-92

Flammable Limits: LeL: NA

UEL: NA

NFPA Hazard ID:

Health: 0, Flammability: 1, Reactivity: 0

HAZARDOUS Combustion Products: Metal oxides, Carbon monoxide, Elemental oxides.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURE:

Report spills as required to appropriate Provincial and Federal authorities. In particular, immediate reporting is required for all spills that could reach any waterway, including wetlands and intermittent dry creeks.

PROCEDURE IF MATERIAL IS RELEASED OR SPILLED:

Absorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

ENVIRONMENTAL PRECAUTIONS:

Prevent spills from entering storm sewers or drains and contact with soil.

SECTION 7 – HANDLING AND STORAGE

HANDLING:

No special precautions are necessary beyond normal good hygiene practices.

STORAGE:

Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible material.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION:

No special requirements under ordinary conditions of use and with adequate ventilation.

RESPIRATORY PROTECTION:

No special requirements ordinary conditions of use and with adequate ventilation.

EYE PROTECTION:

Normal industrial eye protection practices should be employed.

SKIN PROTECTION:

No special equipment required. However, good personal hygiene practices should always be followed.

EPOSURE LIMITS:

This product does not contain any components which have recognized exposure limits. However, a exposure limit of 5.00 mg/m3 is suggested for oil mist

PERSONAL PROTECTION MEASURES

HAND PROTECTION, RECOMMENDED FOR PROLONGED OR REPEATED CONTACT:

Barrier creams may help to protect the exposed areas of the skin. They should however not be applied once exposure has occurred. If necessary wear gloves.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

PHYSICAL STATE: Liquid
COLOR: Amber
ODOR: Mild

PHYSICAL DATA

Pour Point: 54 (-65)
Boiling Point: >288(550)
Flash Point: >200(392)
Melting Point: N/A
Flammability: NE
Auto Flammability: N/E
Oxidizing Properties: Nap
Vapor Pressure (mmHG @ 20c): <0.1
Vapor Density: >2.0
Evaporation Rate: NE
Relative Density, 15/4C: 0.86-0.88
Partial Coefficient: >3.5
Viscosity at 40 c,cSt : 56.0
Viscosity at 100c.cSt: 9.8
Explosion Limits: NAp
Solubility in Water: Negligible
PH Value: NA
Freezing Point NE

NA/Nap = Not Applicable NE = Not Established D = Decomposes

METHOD

ASTM D-92

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: (Thermal, Light, etc):	Stable
CONDITIONS to Avoid:	Extreme heat.
INCOMPATIBILITY (materials to avoid)	Strong oxidizers
HAZARDOUS COMBUSTION PRODUCTS:	Metal oxides, Carbon monoxide Elemental oxides
HAZARDOUS POLYMERIZATION:	Will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

ORAL TOXICITY:

Practically non-toxic (LD50: greater than 2000 mg/kg), based to testing of similar products and/or the components.

DERMAL TOXICITY:

Practically non-toxic (LD50: greater than 2000 mg/kg), based to testing of similar products and/or the components.

INHALATION TOXICITY:

Not applicable – Harmful concentration of mists and/or vapors are unlikely to be encountered through any customary or reasonably foreseeable handling, use, or misuse of this product.

EYE IRRITATION:

Practically non-irritating. (Draize score Index: greater than 6 but 15 or less). – Based on testing of similar products and/or the components.

SKIN IRRITATION:

Practically non-irritating. Primary irritation Index: greater than 0.5 but less than 3). – Based on testing of similar products and/or the components.

OTHER ASUTE TOXICITY DATA:

The acute toxicological results summarized above are based on testing of representative Mobil formulations have shown no acute effects, administered via the inhalation rout, when tested at maximum attainable oil mist or vaporpour concentrations.

SECTION 12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE and EFFECTS:

This product is expected to be inherently biodegradable. There is no evidence to suggest bioaccumulation will occur.

Acute LC/EC50: Juvenile Rainbow Trout: Practically non-toxic, based on testing of similar products.

Accidental spillage may lead to penetration in the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Product is suitable for burning only in a approved incinerator licensed by applicable local authority. In addition, the product is suitable for processing by an approve recycling facility or can be disposed of at an appropriate government waste disposal facility.

Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

SECTION 14 – TRANSPORT INFORMATION

LAND TRANSPORT ADR/RID:

Class: N.A.
 UN-No.: N.A.
 Contains:

SHIPPING DATA IMDG:

Class: N.A.
 UN-No.: N.A.
 Contains:
 Page: N.A.
 EmS-No.: N.A.
 MFAG: N.A.
 Marine Pollutant: N.A.

AIR TRANSPORT:

Class: N.A.
 Packaging Group: N.A.

This product is a non-hazardous substance in the sense of the transport regulations.

SECTION 15 – REGULATORY INFORMATION

Requirements according to the EC-Classification / Dangerous Substances.

EU LABELING: EC Labeling not required.

All components of this product are on the Canadian Domestic Substance List or are in compliance with the requirements of the New Substances Notification Regulations.

WHIMS Classification:

This product was assessed in accordance with the requirements of the Controlled Product Regulations under WHIMS.

The following product ingredients are cited on the list below:

CHEMICAL NAME	CAS No	.LIST CITATIONS
*** No Reportable Ingredients***		
*** Regulatory listst Searched***		
1 = ACGIH AII	6 = IARC 1	11 = TSCA 5e
2 = ACGIH A1	7 = IARC 2A	12 = TSCA 6
3 = ACGIH A2	8 = IARC 2B	13 = TSCA 12b
4 = NTP CARC	9 = TSCA 4	14 = NPRI
5 = NTP SUS	10 = TSCA 5a2	

CARC = CARCINOGEN SUS = SUSPECTED CARCINOGEN

SECTION 16 – OTHER INFORMATION

NOTE: Mobil products are not formulated to contain PCBS.

The information of this MSDS is based on the present state of our knowledge and on current EEC and national laws, as the users working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instructions.

It is always the responsibility of the user to take all necessary steps in order to fulfill the demands laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements for our product, it is not to be considered as a guarantee of the product's properties.

This document is a system print-out and is valid without signature.

SECTION 17 – PREPARATION OF SAFETY DATA SHEET

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