

Product: Quicksilver 4-Cycle 25W40 (Canadian Product)

Product #: 92-19336A12, 92-19337A 4

SECTION I - MANUFACTURER INFORMATION

Name: Esso-Imperial Oil (Products Div.)

Emergency: 519-339-2145

Address: 111 St. Clair Ave. W.

Information: 416-968-4111

Toronto, Ontario

Date Prepared: 07-22-91

M5W 1K3

Revised: 01-07-95

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components*	OSHA PEL	ACGIH TLV	Other	% (Opt.)
No regulated components				

* Specific Chemical Identity, Common Name (CAS)

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 380 to 600°C

Specific Gravity (H₂O=1): N/AV

Vapor Pressure (mmhg): < 1 kPa @ 38°C

Melting Point: N/D

Vapor Density (Air=1): .89 g/cc at 15°C

Evaporation Rate: < 0.1

Solubility in Water: Negligible

(Butyl Acetate=1)

Appearance and Odor: Amber liquid, petroleum odour

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 200°C (COC)

Flammable Limits: LEL - N/AV UEL - N/AV

Extinguishing Media: Foam, dry chemical, or water spray

Special Fire Fighting Procedures: Use water to cool fire-exposed surfaces and to protect personnel. Shut off fuel to fire. Respiratory and eye protection required for fire fighting personnel. A self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. Use fire extinguisher for small outdoor fires, use of an SCBA may not be necessary.

Unusual Fire and Explosion Hazards: Avoid spraying water directly into storage containers due to danger of boilover.

SECTION V - REACTIVITY DATA

Stability: Unstable () Stable (X)

Conditions to Avoid: N/D

Incompatibility (Materials to Avoid): Strong oxidizing agents

Hazardous Decomposition or Byproducts: None

Hazardous Polymerization: May Occur () Will Not Occur (X)

ADDITIONAL INFORMATION

Distributed by: Mercury Marine
1156 Dundas Highway East
PO Box 488
Mississauga, Ontario, Canada

Emergency: 416-270-4481 Ext. 249
Information: 416-270-4481 Ext. 249

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation (Y) Skin (Y) Ingestion (Y) Eye (Y)

Health Hazards (Acute and Chronic): **Acute:** Based on animal testing data from similar materials and products, the acute toxicity of this product is expected to be:

Oral - LD50 > 5000 mg/kg (Rat) Dermal - LD50 > 3160 mg/kg (Rabbit)

Inhalation - LD50 > 5000 mg/m³ (Rat). **Chronic:** Prolonged and/or repeated contact with used gasoline engine oil has caused skin cancer in experimental animals. The relationship of these results to humans has not been fully established.

Carcinogenicity: NTP (N/D) IARC Monographs (N/D) OSHA Regulated (N/D)

Signs and Symptoms of Exposure: Inhalation - Elevated temperatures (over 38°C) or mechanical action may form vapours, mists, or fumes which may be irritating to the eyes, nose, throat, and lungs. Avoid breathing vapours and mists. Eye - Slightly irritating, but will not injure eye tissue. Skin - Low toxicity. Frequent or prolonged contact may irritate the skin. Ingestion - Low toxicity.

Medical Conditions Generally Aggravated by Exposure: N/D

Emergency and First Aid Procedures: Inhalation - Remove from further exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Seek prompt medical attention. Eye - Flush with large amounts of water until irritation subsides. If irritation persists, seek medical attention. Skin - Remove contaminated clothing (including shoes) and flush area with large amounts of water. Use soap if available. Seek medical attention if irritation persists. Ingestion - DO NOT INDUCE VOMITING. Keep at rest. Get prompt medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: **Land:** Eliminate sources of ignition. Keep public away. Prevent additional discharge of material, if possible to do so without hazard. Prevent spills from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Recover by pumping or by using a suitable absorbent. **Water:** Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in unconfined waters. In both cases, notify appropriate authorities immediately.

Waste Disposal Method: Consult an expert on disposal of recovered material. Ensure disposal is in compliance with government requirements and conformity to local disposal regulations.

Precautions to be taken in Handling and Storing: Keep containers closed. Handle and open containers with care. Store in a cool, well-ventilated place away from incompatible materials. Do not pressurize, cut, heat, or weld empty containers as they may contain residue. Do not reuse containers without cleaning or reconditioning.

Other Precautions: KEEP AWAY FROM CHILDREN!

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): Approved respirators may be necessary to prevent overexposure by inhalation.

Ventilation: **Local Exhaust** - Recommended to control emissions near the source.

Mechanical - In confined spaces

Protective Gloves: Chemical-resistant gloves

Eye Protection: Safety glasses with side shields

Other Protective Clothing or Equipment: Long-sleeved clothing. Launder contaminated items before reuse.

Work/Hygiene Practices: Always follow good housekeeping and personal hygiene practices.

N/D = NOT DETERMINED (NO DATA) N/E = NONE ESTABLISHED Y = YES
N/A = NOT APPLICABLE N/AV = NOT AVAILABLE N = NO