

Quicksilver 2-Cycle Performance Blend Oil (High Performance) Material Safety Data Sheet

SECTION 1 IDENTIFICATION

Product Name: Quicksilver 2-Cycle Performance Blend Oil (High-Performance)

Part Number(s): 92-813743A 2, 92-813743A 3

Mercury Marine

P.O. Box 1939
Fond du Lac, WI 54935
(920) 929-5000

MSDS Date of Preparation: 5/10/10

U.S. Emergency: 800-424-9300 (ChemTrec)

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This product is a green liquid with a mild petroleum odor. Combustible liquid (Flash Point 170°F). May cause mild eye and skin irritation. Accidental ingestion may cause gastrointestinal effects with nausea and diarrhea. Aspiration into the lungs during ingestion or vomiting may cause lung damage.

SECTION 2 PRODUCT COMPONENTS

<u>INGREDIENTS</u>	<u>CAS#.</u>	<u>WT.%</u>
Petroleum Oils	64742-01-4 64742-47-8 64742-52-5	70-90
Additives	Proprietary	10-20

SECTION 4 EMERGENCY and FIRST AID PROCEDURES

EYE CONTACT: Immediately flush eye with water for at least 15 minutes while lifting the upper and lower lids. Get medical attention.

SKIN CONTACT: Wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation develops.

INHALATION: Remove victim to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get medical attention.

INGESTION: Do not induce vomiting. Never give anything by mouth to an unconsciousness person. Get immediate medical attention by calling a Poison Control Center or hospital emergency department. If vomiting occurs, keep head below hips to prevent aspiration into the lungs.

SECTION 5 FIRE and EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Water fog, foam, carbon dioxide, dry chemical.

SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water spray or stream.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible liquid. May form combustible mixtures at temperatures at or above the flashpoint.

SECTION 6 ACCIDENTAL RELEASE MEASURES
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate protective equipment. Remove all sources of ignition. Ventilate area. Collect material for disposal using non-combustible absorbent material and place in a container suitable for flammable waste. Report spill as required by local and federal regulations.

SECTION 7 HANDLING and STORAGE

Avoid eye and prolonged/repeated skin contact. Avoid breathing vapors and mists. Use with adequate ventilation. Wash thoroughly after handling. Remove oil-soaked clothing and launder before re-use. Discard oil soaked shoes and other items than cannot be laundered.

Protect containers from physical damage. Store in a cool area away from heat, sparks, open flames and oxidizers. Empty containers retain product residues. Do not cut, weld, braze, etc. on or near empty containers. Follow all MSDS precautions in handling empty containers.

SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION
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Exposure Guidelines:

<u>INGREDIENTS</u>	<u>CAS#.</u>	<u>EXPOSURE LIMITS</u>
Petroleum Oils	Proprietary	5 mg/m ³ TWA OSHA PEL 5 mg/me TWA ACGIH TLV
Additives	Proprietary	None Established

RESPIRATORY PROTECTION: None needed under normal use conditions with adequate ventilation. If the exposure limit is exceeded use a NIOSH approved respirator with organic vapor cartridges and a particulate pre-filter (R or P series). For higher concentrations (greater than 10 times the TLV) a NIOSH approved supplied air respirator (with escape bottle if required) or self-contained breathing apparatus may be required. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

VENTILATION: Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.

GLOVES: Nitrile rubber or other impervious gloves are recommended where prolonged or repeated skin contact is likely.

EYE PROTECTION: Safety glasses or goggles recommended.

OTHER PROTECTIVE EQUIPMENT: Impervious apron, boots and other clothing are recommended if needed to avoid prolonged/repeated skin contact. Suitable washing facilities should be available.

SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Green liquid, mild petroleum odor.

BOILING POINT (@ 760 mmHg): >200°C

SPECIFIC GRAVITY (H₂O=1): 0.89

VAPOR PRESSURE (@ 20 C mm Hg): Not available

EVAPORATION RATE (Butyl Acetate =1): Not available

FLASHPOINT: 170°F/77°C COC

FLAMMABLE LIMITS: (vol % in air) LEL: 0.9% UEL: 7%

MELTING POINT: Not available

VOLATILE: Not available

(VAPOR DENSITY (AIR=1): Not available

COEFFICIENT OF WATER/OIL: Not available

AUTOIGNITION TEMPERATURE: Not available

SECTION 10 STABILITY and REACTIVITY

STABILITY: This material is stable.

CONDITIONS TO AVOID: Avoid heat, sparks and open flames.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon, nitrogen and sulfur oxides and hydrocarbon fragments.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION**HEALTH HAZARDS:**

INHALATION: Excessive inhalation of vapors or mists may cause upper respiratory tract irritation and central nervous system effects including headache, dizziness and nausea. Breathing high concentrations of oil mists may cause lipid pneumonia.

SKIN CONTACT: Prolonged or repeated contact may cause mild irritation or dryness.

EYE CONTACT: May cause mild irritation.

INGESTION: Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea. Aspiration into the lungs during ingestion or vomiting may cause lung damage.

CHRONIC EFFECTS OF OVEREXPOSURE: Repeated skin contact may cause dermatitis.

CARCINOGENICITY: None of the components is listed as a carcinogen or suspect carcinogen by NTP, IARC, ACGIH or OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with chronic skin diseases may be at increased risk from exposure to this material.

ACUTE TOXICITY VALUES:

Product: Oral rat LD₅₀ > 2 g/kg
Skin rabbit LD₅₀ >2 g/kg

None of the components are known to cause sensitization in animals or humans.

SECTION 12: ECOLOGICAL INFORMATION

There is no ecotoxicity data available for this product at this time.

SECTION 13: DISPOSAL INFORMATION

WASTE DISPOSAL METHOD: Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

DOT SHIPPING DESCRIPTION: Not Regulated (Excepted from Hazmat 49CFR173.150)

DOT HAZARD CLASSIFICATION: None

DOT LABELS REQUIRED (49CFR172.101): None

UN NUMBER: None

SECTION 15: REGULATORY INFORMATION

OSHA HAZARD CLASSIFICATION: Combustible liquid, irritant.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 HAZARD CLASSIFICATION: Acute health, fire hazard.

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313:

None

CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

WHMIS CLASSIFICATION: Class B3: Combustible liquid; Class D-2, Subdivision B: Toxic material causing other toxic effects.

This product has been classified in accordance with the hazard criteria in the CPR and the MSDS contains all the information required by the CPR.

TOXIC SUBSTANCES CONTROL ACT: All of the components of this product are listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65: This product contains the following chemicals known to the State of California to cause cancer or reproductive toxicity (birth defects): benzene <1.2 ppm (cancer, male, developmental), toluene <1.2 ppm (developmental), <4.3 ppm naphthalene (cancer), <12.5 ppm ethylbenzene (cancer)

Australia: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances.

Canada: All of the components of this product are listed on the Canadian Domestic Substances List (DSL).

European Union: All of the ingredients are listed on the European Inventory of New and Existing Chemical Substances (EINECS) inventory.

Korea: All of the components of this product are listed on the Korean Existing Chemicals List.

Philippines: All of the components of this product are listed on the Philippine Inventory of Chemicals and Chemical Substances List.

China: All of the components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

SECTION 16: OTHER INFORMATION

NFPA Rating: Health: 1 Fire: 2 Reactivity: 0

Manufacturer:

**Intercontinental Lubricants Corp./
Spectro Oils of America**
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