

Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

OLYMPIC OIL, LTD.
5000 W. 41st St., Cicero, IL 60804
Tel: 708-876-7900
Monday - Friday 6:00 A.M. - 4:30 P.M.

PRODUCT NAME: ACE EASY MIX 2-CYCLE

MSDS NUMBER: MSOL702

**Transportation
Emergency Phone** CHEMTREC 1-800-424-9300(USA); +1 703-527-3887(outside USA)

SECTION 2: HAZARDS IDENTIFICATION

Appearance Blue-green colored liquid
Odor Mild
Principal Hazards May cause mild, transient irritation to the eyes
Prolonged or repeated exposure may cause mild irritation to the skin

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	WT % (approx)
Severely solvent refined heavy paraffinic petroleum oil	64741-88-4	50 – 60
Residual oils (petroleum) solvent dewaxed	64742-62-7	10 – 20
Distillates, petroleum hydrotreated light	64742-47-8	10 – 20
Solvent Blue #98	191289-02-8	<0.01

SECTION 4: FIRST AID MEASURES

Eyes Flush eyes with clean, low-pressure water for at least 15 minutes, occasionally lifting the eyelids. Get immediate medical attention.

Skin Wash skin thoroughly with plenty of soap and water. Immediately remove contaminated clothing. Launder contaminated clothing before reuse. Discard saturated leather gloves and shoes. If irritation persists, get medical attention.

Oral DO NOT INDUCE VOMITING. If more than a half-cup full of this material is swallowed, give quantities of water and obtain medical attention. Do not give anything by mouth to an unconscious person.

Inhalation Vaporization is not expected at ambient temperatures. This material is not expected to be an inhalation problem under the anticipated conditions of use. In case of overexposure, move person to fresh air. If not breathing or no heartbeat, give artificial respiration or cardiopulmonary resuscitation. Get immediate medical attention.

Note to Physician Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point 237°F. (114°C) **Method of determination:** COC D92

Extinguishing media used Carbon dioxide, dry chemical, foam or water spray. Water is ineffective but may be used to cool exposed containers; may cause frothing and splattering.

Fire Fighting Instructions without For fires involving this material, do not enter any enclosed or confined fire space proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of combustion products and oxygen deficiencies. If firefighters cannot work upwind to the fire, respiratory protective equipment must be worn.

Unusual Fire & Explosion Hazards See Section 10 for additional information

SECTION 6: ACCIDENTAL RELEASE MEASURES

Ensure your own health and safety before attempting spill control or clean up. Take the proper precautions. See Section 2 for Emergency Overview, Section 8 for Personal Protection and Section 13 for Disposal Considerations.

Small Spill Personal protective equipment must be worn (see Person Protection section for recommendations). Absorb spill with an inert material (e.g., dry sand or earth), then place in a chemical waste container. Use caution, material may present a slipping hazard.

Large Spill Contain spill and prevent it from entering all water bodies, if possible. Safely stop flow of spill. Evacuate non-essential personnel from immediate spill area. Ventilate area if spilled in a confined space or other poorly ventilated areas. In natural environments, get advice from ecologists on clean-up procedures. This material will float on water. Absorbent materials and pads can be used. Maximize product recovery for reuse or recycling. Transfer liquids and solid diking material to separate, suitable containers for recovery or disposal. Comply with all applicable laws. Spills may need to be reported to the National Response Center (800-424-8802).

SECTION 7: HANDLING AND STORAGE

Handling Keep away from heat, sparks and flame. Use appropriate containment to avoid environmental contamination. Keep containers closed when not in use. Hands should be washed thoroughly after handling.

Storage KEEP OUT OF REACH OF CHILDREN! To avoid product degradation, water contamination should be avoided and minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures should be minimized.

Storage Temperature Ambient

Storage Pressure Atmospheric

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure guidelines:

COMPONENT	OSHA		ACGIH	
	TWA	STEL	TWA	STEL
Refined Petroleum oil (Oil Mist)	5 mg/m ³	N/E	5 mg/m ³	10 mg/m ³
Additive Mixture (Oil Mist)	5 mg/m ³	N/E	5 mg/m ³	10 mg/m ³

Engineering Controls Use adequate ventilation to keep oil mists of this material below applicable guideline(s)/standard(s).

Respiratory Protection Under normal conditions, a respirator is not required. If exposure exceeds the occupational exposure limits, follow OSHA standards or equivalent and wear proper NIOSH/MSHA-approved respiratory equipment.

Skin Protection Use chemical resistant gloves to avoid prolonged or repeated skin contact. Consult manufacturer's recommendations. Gloves should be replaced if signs of degradation or chemical breakthrough occur. Long sleeve shirt is recommended. When leaving work area, wash hands/exposed skin with soap and water.

Eye Protection Use splash goggles or face shield. Eye wash water should be available. Hard contact lenses should not be worn.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (TYPICAL)

Appearance Blue green colored liquid

Flash Point 237 Deg. F (114 Deg. C) by COC D92

Odor Mild Petroleum

Specific Gravity 0.85 – 0.87

Solubility in Water Negligible

Pour Point Not Determined

Vapor Pressure Not Determined

Vapor Density Not Determined

Percent Volatile Not Determined

Viscosity @ 40 Deg. C 40 - 50 centistokes

SECTION 10: STABILITY AND REACTIVITY

Stability Material is considered stable at room temperature and pressure. Avoid heat, sparks and open flame.

Incompatibility Strong oxidizing agents

Thermal Burning or excessive heating may produce carbon monoxide, carbon dioxide and other

Decomposition harmful gases/vapors of incomplete combustion including the oxides of nitrogen and

Polymerization sulfur.
Conditions to None
avoid None

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Irritation Mild eye irritation may occur upon short-term exposure, based on component data.
Skin Irritation Mild skin irritation may occur upon short-term exposure. Long-term exposure may cause redness, edema, drying and cracking of skin, based on component data.
Respiratory of Irritation No significant adverse health effects are expected to occur under normal conditions use. Exposure to petroleum mist at high levels may be irritating to the nose, throat and lungs. Based on component data.
Oral Toxicity No significant adverse health effects are expected to occur upon short-term exposure, based on component data.
Chronic Toxicity No Data
Carcinogenicity This product is formulated with mineral oils, which are considered to be severely refined and not considered to be carcinogenic under IARC. The oils used in this product have not been evaluated by the IP346 test.
Mutagenicity No Data
Teratogenicity No Data
Reproductive Toxicity No Data

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity This material is not expected to be readily biodegradable based on component data
Environmental Fate Component data indicates that plants and animals may experience harmful or fatal effects when coated with petroleum products.

SECTION 13: DISPOSAL CONSIDERATIONS

To determine the proper method of disposal, refer to RCRA (40 CFR 261) as well as federal EPA and state and local regulations. Conditions of use may cause this material to become a "Hazardous Waste", as defined by state or federal laws. Use approved treatment, transporters and disposal sites in compliance with all applicable laws.

EMPTY CONTAINER WARNING: Empty containers contain residue, which may exhibit the hazards of the product. Do not attempt to refill or clean containers since residue is difficult to remove.

SECTION 14: TRANSPORT INFORMATION

DOT Hazard Class: Not Regulated
UN/NA Number: Not Regulated

IMO: Not Regulated
IATA: Not Regulated

SECTION 15: REGULATORY INFORMATION

GLOBAL REGULATORY INFORMATION

United States (TSCA) All ingredients are on the inventory.
Other TSCA None known
Canada (DSL) Contains ingredients that may not be on the inventory.
European Union (EINECS) Contains ingredients that may not be on the inventory.
Japan (METI) Contains ingredients that may not be on the inventory.
Philippines (PICCS) Contains ingredients that may not be on the inventory.
South Korea (KECL) Contains ingredients that may not be on the inventory.
Australia (AICS) Contains ingredients that may not be on the inventory.
China Contains ingredients that may not be on the inventory.

U.S. REGULATORY INFORMATION

Superfund amendments and reauthorization act of 1986 (SARA), TITLE III: This product does not contain greater than 1% (greater than 0.1% for carcinogenic substances) of any chemical substance listed under SARA Section 313.

SARA Extremely Hazardous list: This product does not contain greater than 1.0% of any chemical on the SARA Extremely Hazardous list.

SARA 311 Classifications:

Acute Hazard	Yes
Chronic Hazard	No
Fire Hazard	No
Reactivity Hazard	No

CERCLA None known

Cal. Prop 65 Based on information currently available, this product known to contain the following chemicals known to the state of California to cause cancer or reproductive toxicity: cadmium, chromium, and lead present in immeasurable trace quantities of less than 0.1%. If this product is reformulated or further processed, further evaluation should be done based upon such reformulation or processing, as well as upon its final composition and use.

SECTION 16: OTHER INFORMATION

US NFPA Codes

Health	Fire	Reactivity	Special
0	1	0	N/E

HMIS Codes

Health	Fire	Reactivity
0	1	0

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Revision Indicators: Update

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