

Material Safety Data Sheet

Revision Date: 02/04/03 Previous Date: NONE

MSDS#: MSOL1071

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: None

PRODUCT NAME: GAS STABILIZER
 TORO

COMPANY:

OLYMPIC OIL, LTD.
5000 W. 41st St.
Cicero, IL. 60804
Phone: 708-458-8500
M-F 6:00 A.M. - 4:30 P.M.

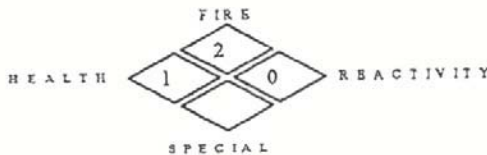
2. COMPOSITION, INFORMATION ON INGREDIENTS

<u>COMPONENT(S)</u>	<u>CAS#</u>	<u>EXPOSURE LIMITS</u>	<u>%WT(approx.)</u>
Hydrotreated Light Distillates	64742-47-8	Oil Mist (NIOSH) TWA 350mg/m ³ STEL 1800mg/m ³	98
ISO-Alcohols	68526-83-0	266mg/m ³	<1
Gasoline Performance Additive	Mixture(Not Available)	(Not Available)	<1
Gas Stabilizer Additive	64741-88-4 115-86-6	(Not Available)	<1
Gasoline Performance Additive	ACC# 159570 8008-20-6 104-76-7	NOT AVAILABLE (NON-TOXIC)	1

(This may not be a complete list of components)

3. HAZARDS INFORMATION

Hazard Rating:
4 - Extreme
3 - High
2 - Moderate
1 - Slight
0 - Insignificant



3.1 EMERGENCY OVERVIEW

May cause mild skin irritation and inflammation following extended contact!
Avoid skin contact
Wash thoroughly after handling

POTENTIAL HEALTH EFFECTS:

EYE: Causes irritation and may injure eyes if not removed promptly.

SKIN: Mild skin irritation may occur upon short-term exposure. Prolonged contact may cause dermatitis.

INGESTION: Do not ingest. Ingestion of small quantities is usually nonfatal unless aspiration occurs. Aspiration may lead to chemical pneumonitis, which is characterized by pulmonary edema and hemorrhage and may be fatal. Signs of lung involvement include increased respiratory rate, increased heart rate, and a bluish discoloration of the skin. Coughing, choking, and gagging are often noted at the time of aspiration. Gastrointestinal discomfort may develop, followed by vomiting with a further risk of aspiration. Severe oral intoxication will lead to intense burning of the throat and may result in drowsiness, dullness, numbness, and headache followed by dizziness, weakness, and nausea. Loss of consciousness and convulsions followed by death may result.

INHALATION: Avoid prolonged inhalation of vapors. This product may be considered a low health hazard unless inhaled in very high concentrations. Acute and chronic exposure to vapors may be irritating to the respiratory tract. Severe intoxication may lead to drowsiness, dullness, numbness, and headache followed by dizziness, weakness, and nausea. Exposure to even higher concentrations may lead to loss of consciousness and convulsions followed by death. At extremely high concentrations where oxygen displacement is a factor, asphyxiation may occur.

3.2 POTENTIAL HEALTH EFFECTS

This product contains Petroleum Napthas and/or solvents which are a complex blend of Light Petroleum Distillates. Some of the components of these blends are considered uniquely toxic at high concentrations, such as benzene (bone marrow disorders including leukemia and anemia) and N-Hexane (peripheral neuropathy). At the low concentrations which they are present in this blend however, and at the low exposure levels at which they are encountered as vapors, these components do not present a significant risk.

4. FIRST AID MEASURES

4.1 FIRST AID PROCEDURES

EYES: Flush eyes with clean, low-pressure water for at least 15 minutes, occasionally lifting the eyelids. If pain or redness persists after flushing, obtain medical attention.

SKIN: Remove by wiping; then wash skin thoroughly with plenty of soap and water. Remove contaminated clothing and thoroughly clean before reuse. Discard contaminated leather gloves and shoes.

INGESTION: Do not induce vomiting due to aspiration hazard. If vomiting occurs, lower head below knees to avoid aspiration. Seek immediate medical attention.

INHALATION: In case of overexposure, move person to fresh air. Provide artificial respiration- mouth to mouth. Get medical attention.

4.2 NOTE TO PHYSICIANS

Supportive care. Treatment based on judgment of the physician response to reactions of the patient. May aggravate pre-existing respiratory conditions.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: 145-170°F

METHOD: ASTM D 92

FLAMMABLE LIMITS:

Lower Flammable Limit: 1.0

Upper Flammable Limit: 6.0

AUTOIGNITION TEMPERATURE: N/D °F (N/D °C)

HAZARDOUS COMBUSTION PRODUCTS:

Burning or excessive heating may produce carbon monoxide and other harmful gases/vapors.

EXTINGUISHING MEDIA:

Dry chemical foam, or carbon dioxide. Foam and water fog are effective, but may cause frothing.

FIRE FIGHTING INSTRUCTIONS:

OSHA/NFPA CLASS IIIA COMBUSTIBLE LIQUID. For fires involving this material, do not enter any enclosed or confined fire space without 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. Cool tanks and containers exposed to fire with water.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Absorb spill with an inert material (e.g., dry sand or earth), then place in a chemical waste container.

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 due to slipping hazards. In urban area, cleanup as soon as possible; In natural environments, cleanup on advice from ecologists. This material will float on water. Absorbent materials and pads can be used. Comply with all applicable laws. Spills may need to be reported to the National Response Center (800-424-8802).

7. HANDLING AND STORAGE

HANDLING:

Keep away from heat, sparks and flame. Use of oil impervious gloves recommended.

STORAGE:

KEEP OUT OF REACH OF CHILDREN!

To avoid product degradation, water contamination should be avoided and minimum feasible handling temperatures should be maintained. Do not transfer to unmarked containers. Store in a cool, well ventilated area in closed containers away from heat, sparks, open flame or oxidizing materials. This product is classified as combustible under DOT Regulations.

STORAGE TEMPERATURE: Ambient
STORAGE PRESSURE: Atmospheric

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS:

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

8.2 RESPIRATORY PROTECTION:

If concentrations are less than 10 times the limits in Section 2., use an organic vapor respirator. If concentrations are greater than 10 times the limits, use a supplied air respirator or a self-contained breathing apparatus. All respirators must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmospheres.

8.3 SKIN PROTECTION:

Avoid prolonged and/or repeated skin contact, or wear impervious synthetic rubber clothing. When leaving work, wash hands/exposed skin with soap and water.

8.4 EYE PROTECTION:

Wear eye protection. In the likelihood of splashing or spraying, wear goggles and/or face shield. Eye wash water should be available. Hard contact lenses must not be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES (TYPICAL)

APPEARANCE:	<u>Pale Yellow</u>	BOILING POINT:	<u>370-530°F</u>
ODOR:	<u>Slight Petroleum</u>	SOLUBILITY IN WATER:	<u>Negligible</u>
PHYSICAL STATE:	<u>Liquid</u>	SPECIFIC GRAVITY:	<u>0.81-0.82</u>
VAPOR PRESSURE:	<u>Not Determined</u>	VISCOSITY: @ 40 °C (cSt):	<u>1.2 Typ.</u>
VAPOR DENSITY:	<u>Not Determined</u>	PERCENT VOLATILE:	<u>Not Determined</u>

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID):

STABLE - Avoid extreme heat and open flame.

INCOMPATIBILITY:

Strong acids, alkalis and oxidizers such as liquid chlorine and oxygen.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and other harmful gases/vapors.

11. TOXICOLOGICAL INFORMATION (SEE SECTION 3.2)

EYE EFFECTS:

Mild irritation to occur upon short-term exposure.

SKIN EFFECTS:

Mild skin irritation may occur upon short-term exposure.

ACUTE ORAL EFFECTS:

No significant adverse health effects are expected to occur upon short-term exposure.

ACUTE INHALATION EFFECTS:

No significant adverse health effects are expected to occur under normal conditions of use. However, exposure to petroleum mist at high levels may be irritating to the nose, throat and lungs.

CHRONIC EFFECTS/CARCINOGENICITY:

Personnel with pre-existing disorders should avoid contact with this product.

MUTAGENICITY:

No Data

12. ECONOMICAL INFORMATION

ECOTOICOLOGICAL INFORMATION:

The spilled material and any soil or water which it has contaminated may be hazardous to animal/aquatic life.

CHEMCIAL FATE INFORMATION:

See 13

13. DISPOSAL CONSIDERATIONS

Maximize product recovery, this material may be a marine pollutant, for reuse or recycling. 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. If spill is introduced into a waste-water treatment system, chemical and biological oxygen demand will likely increase. Spill material is biodegradable if gradually exposed to microorganisms. Potential treatment and disposal methods include incineration if permitted.

14. TRANSPORT INFORMATION

DOT Hazardous Materials Proper Shipping Name
Not a D.O.T. "HAZARDOUS MATERIAL"

DOT Hazard Class Combustible Liquid	UN/NAID No. Not Regulated < 119 gallons
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15. REGULATORY INFORMATION

SUPERFUND AMMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA), TITLE III:

Section 311/312 Hazard Categories: Immediate (Acute) and delayed (Chronic)
Health Hazard. Fire.

TOXIC SUBSTANCES CONTROL ACT (TSCA):

All components of this product are listed on the TSCA inventory.
CAS Registry #68526-83-0

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA):

No chemicals in this product are subject to the reporting requirements of CERCLA.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 - PROPOSITION 65:

Based on information currently available, this product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition. If you reformulate or further process this product, you should further evaluate this product based upon such reformulation or processing, as well as upon its final composition and use.

16. OTHER INFORMATION

DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable. **HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS.**

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