



# Marine 1

## Material Safety Data Sheet

<b>Section 1. Product Identification</b> Name: PF – Marine 1 CAS#: Mixture Family: Blend of petroleum derivatives Formula: Proprietary Molecular Wt.: n/a Emergency: (901) 452-2395 Issue Date: August, 2006	Address: Technology Laboratory, Inc. 3251 Poplar Ave., Suite 15 Memphis, TN 38111  Contact: Technology Laboratory, Inc. Telephone: (901) 452-2395 Revised Date: n/a
---	---

### Section 2. Personal Protective Equipment

Rubber gloves and splash proof goggles are recommended as a standard operation procedure.

### Section 3. Hazard Information

Flash Point: At least 100°F Auto Ignition Temp: Not Determined Hazardous Decomposition Products: Possible evolution of Carbon Monoxide and Carbon Dioxide	Biological: n/a  Flammable Limits: Not Determined (LEL/UEL)
---	---

### Section 4. Precautions & Procedures

- EXTINGUISHING AGENTS TO AVOID: Water
- UNUSUAL FIRE & EXPLOSIVE HAZARDS: Not Known
- FIRE EXTINGUISHING AGENTS RECOMMENDED: Dry Chemical, CO2, Chemical foam.
- SPECIAL FIRE FIGHTING PRECAUTIONS: Firefighters should wear self-contained breathing apparatus in the positive mode with full face piece due to likelihood of fumes, smoke and hazardous decomposition products.
- SPECIAL INSTRUCTIONS: Handle as *Flammable* petroleum product.
- STORAGE: Keep container tightly closed during transport and storage. Store in a cool location and away from extreme heat and sources of ignition. Keep Container upright; do not roll; do not store in plastic -or rubber -or lined containers.
- NORMAL HANDLING: Wear chemical resistant glove and splash proof goggles.
- VENTILATION: Standard room ventilation should be sufficient in large area; local exhaust recommended for confined areas and at vapor source

# Marine 1

## Material Safety Data Sheet

*Continued* - **Section 4. Precautions & Procedures**

**SPILL OR LEAK:** Ventilate area. Remove sources of ignition. Contain spill with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with dry chemical absorbent. Large spills may be taken up with explosion proof pump or vacuum and finished off with dry chemical absorbent. May require extraction of contaminated soil.

**Section 5. Physical Characteristics**

<b>BOLING POINT:</b> unknown	<b>pH:</b> n/a
<b>VAPOR DENSITY:</b> (Air=1). Not determined	<b>VAPOR PRESSURE:</b> Not determined
<b>EVAPORATION RATE:</b> unknown (Butyl Acetate=1)	<b>SOLUBILITY IN WATER:</b> Not Soluble
<b>APPEARANCE / ODOR:</b> Amber / Hydrocarbon.	<b>SPECIFIC GRAVITY (H2O=1);</b> <1

**Section 6. Reactivity Data**

**STABILITY:** Stable

**MATERIALS TO AVOID:** Contact with strong oxidizers

**CONDITIONS TO AVOID:** Contact with heat, flame and other sources of ignition.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**Section 7. First Aid Measures**

**EYE CONTACT:** May cause local eye irritation: Flush with water for at least 15 minutes.

**SKIN CONTACT:** May cause irritation and drying OT' skin Wash with soap and water and remove contaminated clothing.

**MEDICAL CONDITIONS:** Generally aggravated by exposure Prolonged or repeated contact with skin may cause skin irritation and dermatitis.

**INHALATION:** Vapors may cause headaches, nausea and dizziness. Fresh air; if not breathing, give artificial respiration.

**INGESTION** May cause nausea, drowsiness, loss of coordination and fatigue **DO NOT induce vomiting;** Get medical attention immediately.

**MEDICAL:** Conditions generally aggravated by exposure. Prolonged or repeated contact with skin may cause irritation and dermatitis.



# Marine 1

Page 3 (of 4)

---

## Material Safety Data Sheet

---

### Section 8. Environmental Concerns

DEGRADABILITY/AQUATIC TOXICITY: Not Known

RCRA STATUS OF UNUSED MATERIAL: Dispose in permitted hazardous waste site.

EPA HAZARDOUS SUBSTANCE: Yes -Reportable Quantity = 100lbs.for Ignitable substance.

WASTE DISPOSAL METHODS: Incinerate as waste oil at a registered site; disposer must comply with Federal, State and Local disposal or discharge statute

SMALL SPILLS: Use an absorbent material, collect and place in marked containers for disposal.

SPILL OR LEAK: Ventilate area. Remove sources of ignition. Contain spill with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with dry chemical absorbent. Large spills may be taken up with an explosion proof pump or vacuum and finished off with dry chemical absorbent. May require exaction of contaminated soil.

---

### Section 9. References.

GENERAL: Material Safety Data Sheets for components

---

### Section 10. Hazardous Ingredients

This Material is NOT known to contain any Carcinogen listed under OSHA Communication Standard 29 CFR 1910 1200.

---

### Section 11. Transportation Information

FLASH POINT PMCC: 100°F Typical

DOT HAZARD CLASS: 3. Packing group: III

Mark, label, handle, transport and store *as a Flammable Liquid*: UN/NA Number:

**NA 1993; Flammable liquid** NOS. Not regulated when shipped in a container less than 120 gallons, by ground within the U.S.

**UN 1993; Flammable liquid** NOS. Regulated when shipped in a container over 120 gallons, by sea or air, or overseas.

STORAGE: Keep container tightly closed during transport and storage. Stored in a cool location and away from extreme heat and sources of ignition. Keep Container upright; do not roil; do not store in plastic -or rubber -or lined containers.

---

## Material Safety Data Sheet

---

### Section 12. Additional Information Disclaimer

The information contained in this Material Safety Data Sheet has been derived from analysis of published data, publicly available, and supplied component Material Safety Data Sheets. This information and these recommendations are offered in good faith and believed to be correct as of the date hereof. Information and recommendations are supplied upon the condition that the recipients will make their own decision as to safety and suitability for their purposes. While this information is considered accurate, **Technology Laboratory, Inc.** makes no warranty, expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature; are made with respect to the product or information and recommendations regarding this data or the results to be obtained from the use thereof. **Technology Laboratory, Inc.** makes no representation as to completeness or accuracy. In no event will **Technology Laboratory, Inc.** be responsible for damages of any nature whatsoever resulting from the use or reliance upon the information and recommendations.

Distribution of the Material Safety Data is only one component of your workplace hazard communication program. It is the employer's responsibility to ensure that all employees are properly trained to recognize, evaluate and protect themselves from the risks associated with the storage, use and disposal of this and any other chemical material.