



#### 4. FIRST AID MEASURES

- Ingestion: Do not induce vomiting due to aspiration hazard. If vomiting occurs lower head below knees to avoid aspiration. Get immediate medical attention.
- Eye Contact: Immediately flush eyes with large amounts of water and continue flushing until irritation subsides. Seek medical attention if irritation persists.
- Skin Contact: Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs, seek medical attention.
- Inhalation: This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient temperatures.

Medical Condition Likely to be Aggravated by Exposure: None recognized.

#### 5. FIRE FIGHTING MEASURES

##### **Fire and Explosion**

|                              |               |
|------------------------------|---------------|
| Flash Point (Test Method):   | 360C (c.o.c.) |
| Flammable Limits (% in Air): | No data       |
| Autoignition Temperature:    | No data       |
| Flammability:                | NA            |

##### **Hazardous Combustion Products:**

Carbon monoxide, carbon dioxide and other oxides.

##### **Extinguishing Media:**

Use dry chemical, foam or carbon dioxide.

##### **Fire Fighting Instructions:**

Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially when sprayed into containers of hot, burning liquid. Dense smoke may be generated while burning.

##### **Protective Equipment for Fire Fighters:**

Wear positive pressure self contained breathing apparatus and protective fire fighting clothing.

#### 6. ACCIDENTAL RELEASE MEASURES

**In Case of Spill or Leak:** Notify appropriate authorities of spill. Contain spill immediately. Do not allow spill to enter sewer or water courses. Remove all sources of ignition. Absorb with appropriate inert material such as sand or clay. Large spills may be picked up using vacuum pumps, shovels, buckets, or other means and placed in drums or other suitable containers.

#### 7. HANDLING AND STORAGE

**Precautions to be Taken in Handling and Storage:** Good housekeeping and controlling of dusts are necessary for safe handling of product. No smoking, open flames or sources of ignition in handling and storage area. Wash thoroughly with soap and water after handling. Do not contaminate water, food or feed by storage or disposal. Store in original container. Do not store near heat or open flame.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

These precautions are suggested for conditions with a high potential for exposure. If handling procedures are such that there is only a low potential for exposure, less protection may be needed. Emergency conditions may require additional precautions.

- Engineering Controls: Normal room ventilator should be satisfactory. Eyewash fountain and safety showers should be easily accessible.
- Eye Contact: Wear chemical safety goggles or safety glasses with side shields.
- Skin Contact: Wear rubber or plastic solvent resistant gloves, coveralls, apron, boots as necessary to avoid skin contact.
- Inhalation: If vapor or mist is generated when the material is handled, adequate ventilation must be provided.
- Ingestion: Avoid ingestion. Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking and smoking.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Pale yellow liquid
- Odor: Mild paraffinic odor
- Specific Gravity/Density: 7.23 lbs./gal.
- pH: NA
- Solubility in H<sub>2</sub>O: Emulsifiable

## 10. STABILITY AND REACTIVITY

### Reactivity:

- Stability: Stable
- Hazardous Polymerization: Will not occur
- Conditions to Avoid: Keep away from strong oxidizers.

### Hazardous Decomposition Products:

None

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity/Irritation Studies**

Ingestion: Ingestion is relatively non toxic 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 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. This product has laxative properties and may result in abdominal cramps and diarrhea.

Dermal: This product may cause slight skin irritation upon direct contact. Prolonged or repeated contact may result in contact dermatitis which is characterized by dryness, chapping and reddening.

Inhalation: This product has a low vapor pressure and is not expected to present an inhalation hazard at ambient temperatures.

**Carcinogenic Potential:** This product is not carcinogenic according to OSHA Hazard Communication Standard.

**12. ECOLOGICAL INFORMATION**

There is no information available for this product.

**13. DISPOSAL CONSIDERATION**

**Disposal Method:** Do not contaminate water, food or feed by storage or disposal. Dispose in accordance with all federal, state and local regulations.

**14. TRANSPORT INFORMATION**

**DOT Classification:**

Not regulated

**B/L Freight Classification:**

Petroleum base oil

