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## Material Safety Data Sheet A-1800

### Emergency Assistance

For Chemical Emergency Spill, Leak, Fire or Exposure call 24 hours a day: CHEMTREC (800) 424-9300. Outside U.S. call (703) 527-3887. Collect calls accepted.

### SECTION I PRODUCT IDENTIFICATION

Product Name: Release A-1800  
Product Class: Solvent Naphtha (Petroleum), Medium Aliphatic  
C.A.S. Number: 64742-88-7  
HMIS Rating: Health 2 Fire 2 Reactivity 0  
0=Least, 1=Slight, 2=Moderate, 3=High, 4=Extreme

### SECTION II INGREDIENTS

A complex combination of predominantly hydrocarbon

### SECTION III PHYSICAL DATA

Appearance: Clear, Colorless Liquid  
Odor Characteristic: Light Hydrocarbon Odor (optional bubblegum, grape, floral, citrus, or mint)  
Specific Gravity: 99  
Vapor Density: 3.5  
Solubility in Water: Negligible  
Volatility % 55%  
Evaporation Rate: .1

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flammability Class:

FlashPoint: >145° F  
LEL: 1%  
UEL: Unknown  
Extinguishing Media Water, CO2 or Dry Chemical  
Auto-Ignition Temperature: Approx. 880 Degrees F.

Basic Fire-fighting Procedures:

- Use water spray, dry chemical, alcohol foam, all purpose AFFF or carbon dioxide to extinguish fire. Evacuate area and fight fire from a safe distance.

- If leak or spill has not ignited; ventilate area and use water spray to disperse gas or vapor and to protect personnel attempting to stop a leak.
- Use water spray to cool adjacent structures and protect personnel.
- Firefighters must wear MSHA/NIOSH approved breathing apparatus (SCBA) with full face mask and full protective equipment.

Unusual Fire and Explosive Procedures:              Wear self-contained breathing apparatus

## **SECTION V HEALTH HAZARD DATA**

### **Effects of Overexposure:**

- Inhalation                      No expected hazard under normal conditions. However, exposure to vapor in excess of 1000ppm can cause drowsiness, nausea and ultimately, loss of consciousness.
- Skin Contact                    A slight skin irritant. Prolonged exposure may cause dermatitis.
- Eye Contact                    May cause irritation.
- Ingestion                        Hazard would be lung aspiration.

### **Emergency First Aid Procedures:**

- Inhalation overexposure:    Move to fresh air. If breathing stops, give artificial respiration and seek **immediate medical attention.**
- Eye Contact:                    Flush with large quantities of water. Get medical attention if irritation persists.
- Skin Contact:                   Wash skin with soap and water while removing contaminated clothing. Get medical attention if irritation persists.
- Ingestion:                        Don not induce vomiting because of danger of aspiratign liquid into lungs. If spontaneous vomiting occurs, keep head below hips to prevent aspiratoin and monitor breathing. **GET MEDICAL ATTENTION IMMEDIATELY.**

## **SECTION VI REACTIVITY DATA**

Stability:                                  Stable  
Hazardous Polymerization:            Will not occur  
Hazardous Decomposition Products:  Typical by-products of combustion  
Conditions to Avoid:                    Excessive heat, poor ventilation, corrosive atmospheres, excessive aging  
Incompatibility (Materials to Avoid):  Alkaline materials strong acids and oxidizing materials

## **SECTION VII SPILL OF LEAK PROCEDURES**

Steps to take if material is released or spilled: Eliminate ignition sources, provide good ventilation. Dike spill area and add absorbent earth or sawdust to spilled liquid. Thoroughly wet with water and mix.

Waste disposal Method:    Collect absorbent/water/spilled liquid mixture into metal containers and add enough water to cover. Consult local state and federal waster regulator before disposing into approved hazardous waste landfills. Obey relevant laws.

## **SECTION VIII SAFE HANDLING AND USE INFORMATION**

Respiratory Protection:    When spraying, use a NIOSH approved cartridge respirator or gas mask suitable to keep airborne mists vapor concentrations below the time weighted threshold limit values. When using in poorly ventilated areas, use a fresh air supplying respirator or a self-contained breathing apparatus.

Ventilation:                    General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment must be explosion proof.

Protective Gloves: Impermeable chemical gloves for skin protection.

Eye Protection:    Use chemical saft glasses, goggles and face shields for eye protection.

Hygienic Practices:            Eye washes and safety showers are recommended in the work place.

## **SECTION IX SPECIAL PRECAUTIONS**

Handling and Storage: Avoid hot metal surfaces. Use in cool well ventilated areas. Kep containers closed when not in use. Keep away from open flames and excessive heat. Use non-sparking itmes when using this material.  
Other precautions: Smoking in areas where this material is used should be strictly prohibited.

## REGULATORY INFORMATION

Transportation: Not regulated by US DOT in containers of less than 110 gallons.

DOT Classification: "Combustible Liquid NOS/Combustible/NA-1993/Pgill/Petroleum Distillates/Petroleum Paphtha"

The information herein is general to assist our customers in determining whether our products are suitable for their specific applications. Our products are intended for sale to commercial and industrial customers. We require that customers should inspect and test our products before use to satisfy themselves as to the content and suitability for the applications they intend to use our products for. **Nothing herein shall constitute any warranty expressed or implied, including any warranty of merchantability or fitness for a particular purpose**, nor is any protection from any law or patent to be inferred. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for incidental consequential damages.