

Tower Products, Inc., 2703 Freemansburg Ave., Easton, PA 18045
Information Telephone Number: 1-800-527-8626 or 610-253-6206
For Chemical Spill Emergency - Call 1-800-424-9300

SECTION 1: PRODUCT INFORMATION

Product Name: **PLATE CLEANER & PRESERVER** (Plate Cleaner, Finisher and Preserver for CTP Plates)
D.O.T. Designation: Cleaning Liquid. Not Regulated.
U.N. Designation: Same as D.O.T.

SECTION 2: HAZARDOUS COMPONENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT	CAS No.	% WT	OSHA PEL	ACGIH TLV-TWA	OTHER RATINGS	OSHA STEL
Aliphatic Hydrocarbon	64742-48-9	10-15	500ppm	100ppm		

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Greater than 212 degrees F.
Specific Gravity: (Water =1) 0.99
Vapor Pressure: (mmHG, calculated) N/A
Melting Point: N/A
Vapor Density: (Air =1, calculated) N/A
Solubility in Water: Emulsion
Appearance & Odor: White liquid, slight petroleum odor
Maximum VOC Content: .83 lbs. per gallon (100 grams per liter)
Maximum VOC%: 11% (EPA Method 24)
pH: 3.7-3.9

SECTION 4: FIRE AND EXPLOSION DATA

Flash Point (Tag Closed Cup Method): 148 degrees F.
Flammable Limits (Calculated): LEL: N/A UEL: N/A
Extinguishing Media: Use dry chemical or carbon dioxide.
Special Fire-fighting Procedures: Use self contained breathing apparatus.
Unusual Fire and Explosion Hazards: Combustible liquid. Upon combustion, the product may form carbon monoxide and other organic compounds. Product containers may rupture from vapor pressure when exposed to heat from fire.

SECTION 5: REACTIVITY DATA

WARNING: Spontaneous combustion may occur when solvent soaked combustible materials (paper, cotton, etc.) are allowed to stand in confined areas.

Stability: Stable
Incompatibility: Avoid strong oxidizing agents.
Hazardous Decomposition or Byproducts: Carbon monoxide and other compounds during combustion.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Avoid exposure to high heat sources, electrical and welding arcs and open flame. Also avoid strong oxidizing agents.

SECTION 6: HEALTH HAZARD DATA

Routes of Entry: Inhalation, Ingestion, Skin
Health Hazards (Acute): Overexposure may lead to central nervous system depression, leading to headaches, nausea and unconsciousness.

Health Hazards (Chronic): Overexposure in high concentrations may produce central nervous system depression.

Eye Contact: May lead to irritation.

Skin Contact: May lead to dermatitis.

Ingestion: May lead to vomiting.

Carcinogenicity (NTP, IARC, OSHA): Components of this product have not shown any evidence of carcinogenicity.

Signs and Symptoms of Exposure: Overexposure may lead to dizziness, headaches, dermatitis and eye irritation.

Medical Conditions Aggravated by Exposure: Health studies have shown that many petroleum hydrocarbons pose potential health risks that vary from person to person. Minimize exposure to liquids, vapors, mists or fumes.

Emergency and First Aid Procedures:

For Skin Contact: Flush with large volume of water for at least 15 minutes

Get immediate medical attention if necessary.

For Inhalation: Remove to fresh air. Get immediate medical attention.

For Eye Contact: Flush with large volume of water for at least 15 minutes. Get immediate medical attention.

For Ingestion: Do not induce vomiting. Drink two glasses of water or milk. Contact physician immediately.
Do not give fluids to an unconscious person.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE/REGULATORY INFORMATION

Steps to be taken in case material is released or spilled:

(Minor Spills): Eliminate sources of ignition. Absorb material with ground clay, vermiculite, or similar absorbent material, then place into containers for removal.

(Major Spills): Eliminate sources of ignition. Dike and contain spill. Shut off source of spill, if possible. Remove liquid by chemical vacuum, absorbent, or other safe and approved method and place into containers for legal disposal. Flush area with water to remove residue, and remove flushed solutions as above.

(Waste Disposal Method): Dispose of all waste in accordance with federal, state and local regulations.

Precautions to be Taken in Handling and Storing: Ventilation in work area should be sufficient to maintain atmosphere with vapor level below lowest listed TLV in Section 2. If TLV's are exceeded, use a respirator with appropriate NIOSH approved cartridges or supplied air equipment. Keep containers closed when not in use. Combustible liquid - empty containers can be hazardous and contain explosive vapors.

The components of this product are listed on both the United States TSCA and the Canadian DSL.

HMIS: Health Hazard: **2** Flammability: **2** Reactivity: **0** Personal Protection: **B**

SECTION 8: CONTROL MEASURES

Respiratory Protection: Needed if TLV's in Section 2 are exceeded. Use supplied air equipment or respirators with proper NIOSH approved cartridges. Ventilation: Local and mechanical exhaust recommended. Avoid open electrical sources near product vapor areas.

Protective Gloves: Impervious or chemical resistant gloves (consult safety equipment supplier).

Eye Protection: Chemical splash goggles are recommended to protect against potential eye contact.

Other Protective Clothing and Equipment: Safety shoes and aprons recommended.

Work and Hygiene Practices: Do not take internally. Avoid skin contact and wash skin after using products. Do not eat, drink or smoke in work area. Keep away from children.

FOR MORE INFORMATION, CONSULT TOWER PRODUCTS, INC.
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