

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: **396 UV WASH** (Premium One-Step UV/EB Ink Cleaner)

D.O.T. Designation: Cleaning Liquid (Non-Regulated Combustible)

U.N. Designation: Flammable Liquids, N.O.S. (Contains Naphtha, Solvent, Dipropylene Glycol Monomethyl Ether), 3, UN1993, PGIII

SECTION 2: HAZARDOUS COMPONENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT	CAS No.	% WT.	OSHA PEL	ACGIH TLV-TWA	OTHER RATINGS	OSHA STEL
Aromatic Hydrocarbon	64742-95-6	55-65	100ppm (1)			
Dipropylene Glycol Monomethyl Ether	34590-94-8	45-55	100ppm	100ppm		150ppm

(1) Based on PEL for Xylenes.

This blend contains approximately 1.2% xylene and 18.7% 1,2,4-trimethylbenzene.

Cumene and ethyl benzene are present at less than 1.0%.

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 308 degrees F.

Specific Gravity: (Water =1) 0.91

Vapor Pressure: (mmHG calculated) 3.0 at 68 degrees F., 20 degrees C.

Melting Point: Not Applicable

Vapor Density: (Air =1) less than 5

Solubility in Water: Negligible

Appearance & Odor: Light colored liquid, petroleum odor

Maximum VOC Content: 7.5 lbs. per gallon (900 grams per liter)

Maximum VOC%: 100% (EPA Method 24)

SECTION 4: FIRE AND EXPLOSION DATA

Flash Point (Tag Closed Cup Method): 115 degrees F.

Flammable Limits: LEL: 1.0% UEL: 12.6%

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 during combustion.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Avoid high heat sources, electrical and welding arcs, open flame and 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 are not listed as known human carcinogens. Trace amounts of ethyl benzene may be found in the aromatic hydrocarbon. Ethyl benzene is listed by IARC as 2B (possible human carcinogen).

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

Medical Conditions Aggravated by Exposure: Medical Conditions Aggravated by Exposure: The aromatic hydrocarbon (a component of this blend) contains xylene. Xylene may be harmful to the human fetus based on positive test results with laboratory animals. 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: Get immediate medical attention. Do not induce vomiting.

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

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

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

(Major Spills): Dike and contain spill. Eliminate potential sources of ignition, and 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.

Regulatory Information: This information may be useful in complying with EPA Regulation 40CFR302 (CERCLA) Section 102 and EPA Regulation 40CFR372 (SARA 313): This product contains approximately 1.2% xylene and 18.7% 1,2,4-trimethylbenzene. Cumene and ethyl benzene are present at less than 1.0%.

Product contains components which may be further regulated by state/or local agencies (e.g. benzene and CA65C) - Consult Appropriate Agencies.

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.

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 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 recommended.

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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