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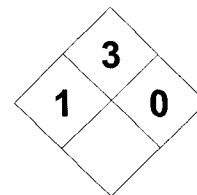
MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: Brush Cleaner
Date Prepared: 10/01/86
Date Revised: 8/11/98
Name of Preparer: S. J. Sirdesai

POISON CONTROL CENTER
CHEMTREC
1-800-424-9300

HEALTH = 1
FLAMMABILITY = 3
REACTIVITY = 0



SECTION II - HAZARDOUS INGREDIENTS

Chemical Name:	CAS Number	Exposure Limits:	
		ACGIH TLV	OSHA PEL
Trichloroethylene	79-01-6	50 ppm	50 ppm

0 = MINIMAL,
1 = SLIGHT,
2 = MODERATE,
3 = SERIOUS,
4 = SEVERE

SECTION III - REACTIVITY DATA

Stability: Stable

Incompatibility: Strong bases, caustic soda, caustic potash, metallic aluminum and zinc.

Hazardous Decomposition Products: Hydrogen chloride, phosgene

Hazardous Polymerization: Will not occur

Conditions to Avoid: Open flames, welding arcs, and other high temperature sources.

SECTION IV - HEALTH HAZARD INFORMATION

Symptoms of Overexposure:

Inhaled: Irritation of upper respiratory tract

Contact with Skin or Eyes: Can cause pain and slight eye irritation. Prolonged or repeated contact can cause dermatitis.

Absorbed Through Skin: Excess absorption can cause peripheral, transitory nervous system effects.

Swallowed: Relatively low oral toxicity hazard.

Health Effects from Overexposure:

Acute: Oral, dog: LD=4920 mg/kg; Dermal, rats: LD=12500 ppm

Chronic: Prolonged exposure above the OSHA permissible limits may result in liver and kidney damage

First Aid - Emergency Procedures:

Eye Contact: Irrigate with water for at least 5 minutes.

Skin Contact: Wash off in flowing water or shower.

Inhaled: Remove to fresh air.

Swallowed: Do not induce vomiting. Call a physician immediately.

Suspected Cancer Agent: No: NTP; No: OSHA; No: ACGIH; Yes: IARC.

IN ALL OF THE ABOVE EMERGENCY CASES, CALL A PHYSICIAN.

O · P · I
OPI PRODUCTS INC.

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ADDITIONAL INFORMATION CONTINUED ON THE OTHER SIDE

MATERIAL SAFETY DATA SHEET

Product Name: Brush Cleaner

SECTION V - SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill Response Procedures: Mop or soak up, dispose of in metal containers.

Preparing Wastes for Disposal: Send to licensed solvent reclaimer. Do not dump in sewer systems.

Note: Dispose of all wastes in accordance with Federal, State, and Local Regulations.

SECTION VI - SPECIAL HANDLING INFORMATION

Ventilation and Engineering Controls: Local exhaust.

Respiratory Protection: NIOSH-approved respiratory protection

Eye Protection: Safety Glasses

Gloves: Recommended

Other handling and storage requirements: Avoid breathing vapors. Store in a cool place.

SECTION VII - PHYSICAL PROPERTIES

Vapor Density (air=1): 4.53

Specific Gravity: 1.45

Solubility in Water: 0.1 g/100 g

Vapor Pressure, mmHg at 20 Degrees C: 60

Melting Point (Degrees Fahrenheit): --

Boiling Point (Degrees Fahrenheit): 189

Evaporation Rate (Ethyl ether=1): 0.28

Appearance and Odor: Colorless liquid, faint odor

SECTION VIII - FIRE AND EXPLOSION

Flash Point (Fahrenheit) and Method: None (by DOT Test Method)

Flammable Limits in Air, Volume %: Lower: 8.0; Upper: 52

Fire Extinguishing Materials: Water, Fog

Special Firefighting Procedures: Wear protective pressure, self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Strong Odor, Vapors concentrated in a confined or poorly ventilated area can be ignited upon contact with a flame of high intensity source of heat.

SECTION IX - USERS RESPONSIBILITY

A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be determined if, or where, precautions, in addition to those described herein should be passed on to your customers or employees, as the case may be. OPI Products Inc. must rely on the user to utilize the information we have supplied to develop work practice guidelines and employee instructional programs for the individual operation and regulations.

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