

O · P · I P · R · O · D · U · C · T · S

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: MicroBond Lamp Cleaner

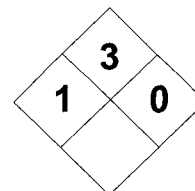
Date Prepared: 10/01/93

Date Revised: 8/11/98

Name of Preparer: Sunil 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
Propane-2-ol	67-63-0	400 ppm	400 ppm
Butyl Acetate	123-86-4	150 ppm	150 ppm

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

SECTION III - REACTIVITY DATA

Stability: Stable

Incompatibility: Strong Oxidizers

Hazardous Decomposition Products: May liberate carbon monoxide and/or carbon dioxide.

Hazardous Polymerization: Will not occur

SECTION IV - HEALTH HAZARD INFORMATION

Symptoms of Overexposure:

Inhaled: Vapors and mist irritate the nose and throat. Inhalation of higher concentrations may cause headaches, vomiting, and coma.

Contact with Skin or Eyes: Vapors will irritate eyes.

Absorbed Through Skin: Brief contact may dry the skin, or cause burning or stinging sensation. Prolonged or repeated contact may cause dermatitis.

Swallowed: Swallowing large quantities causes headaches, nausea, vomiting, stomach cramps, diarrhea, and perhaps unconsciousness.

Health Effects from Overexposure:

Acute: Oral, rats: LD=5,840 mg/8hrs.; Inhalation, rats: LD=16,000 ppm/8hrs. Inhalation of high concentrations may cause headaches, vomiting, and coma.

Chronic: Prolonged or repeated exposure to high concentrations can produce severe or fatal CNS depression.

First Aid - Emergency Procedures:

Eye Contact: Immediately flush eyes with plenty of water for 15 minutes. Call a physician immediately.

Skin Contact: Immediately wash skin with plenty of soap and water; remove contaminated shoes and clothing and wash well before use.

Inhaled: Remove to fresh air. Give artificial respiration if not breathing. Call a physician immediately.

Swallowed: Do not induce vomiting. If conscious, give a pint of lukewarm water.

Get immediate medical attention.

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

Suspected Cancer Agent: No

Medical Conditions Aggravated by Exposure: None Known.

This products ingredients are not found in the following lists:
OSHA, NTP, IARC.

O · P · I
OPI PRODUCTS INC.

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ADDITIONAL INFORMATION CONTINUED ON THE OTHER SIDE

MATERIAL SAFETY DATA SHEET

Product Name: MicroBond Lamp Cleaner

SECTION V - SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill Response Procedures: For small spills, extinguish all ignition sources and mop or wipe up and dispose of in DOT-approved waste containers.

Preparing Wastes for Disposal: Dispose of waste materials according to federal, state, and local 17

SECTION VI - SPECIAL HANDLING INFORMATION

Ventilation and Engineering Controls: Adequate environmental controls at point of use.

Eye Protection: Chemical goggles.

Gloves: Neoprene

Other Clothing and Equipment: Long sleeved shirt, trousers, safety shoes, rubber gloves, and rubber apron.

Other Handling and Storage Requirements: Keep away from heat, sparks, and flame. Store in a cool, dry place.

SECTION VII - PHYSICAL PROPERTIES

Vapor Density (air=1): 2.07

Specific Gravity: 0.79

Solubility in Water: Complete

Vapor Pressure, mmHg at 20 Degrees C: 33

Melting Point (Degrees Fahrenheit): -127

Boiling Point (Degrees Fahrenheit): 181

Evaporation Rate (Butyl Acetate=1): 3

Appearance and Odor: Purple colored liquid; Fruity alcoholic odor

SECTION VIII - FIRE AND EXPLOSION

Flash Point (Fahrenheit) and Method: 53 (Tag closed cup)

Flammable Limits in Air, Volume %: Lower: 2; Upper: 12.7

Fire Extinguishing Materials: Water Spray, Foam, Carbon Dioxide, Dry Chemical

Special Fire fighting Procedures: Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Extinguish all nearby sources of ignition because vapors may be moved by air currents to ignition sources distant from handling point.

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.

IMPORTANT

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