

The following MSDS includes information regarding Obtura II Cleaning Solution being distributed by Sybron Endo and contains information provided by the bulk product manufacturer, LPS Laboratories Inc.

MATERIAL SAFETY DATA SHEET

OBTURA CORPORATION
1663 FENTON BUSINESS PARK CT.
FENTON, MO 63026
(800) 344-1321

LPS PreSolve (Bulk)

Effective Date: 1/1/93

Issue Date: 1/1/93

SECTION I - PRODUCT IDENTIFICATION

Manufacturer's Name:
LPS Laboratories, Inc.

Trade Name:
LPS PreSolve (Bulk)

Address (Number Street)
4647 Hugh Howell Road

Chemical Family:
Blended Compound

Address (City, State, Zip)
Tucker, GA 30085-5052

Part Numbers:
01428, 01405, 01455

Telephone Number: 404-934-7800
Emergency Telephone Number:
1-800-424-9300 Chemetrec
Outside U.S. (202)483-7316

Hazardous Materials Description and proper shipping name (49 CFR 172.101):
Compound, Boiler, Preserving Liquid NMFC 50093 SUB 2 BR/BXS CL55

TSCA Inventory:
All of the ingredients are listed on the TSCA inventory.

HMIS Labeling: Health: 1
Flammability: 2
Reactivity: 0

SECTION II - HAZARDOUS Ingredients/Identity Information

Ingredients	CAS Numbers	% WW	OSHA PEL	ACGIH TLV	OTHER LIMITS
Solvent Naphth (Petroleum)	64741-65-7	30-50	500 ppm	100 ppm	200 ppm STEL
Medium Aliphatic d-Limonene	5989-27-5	50-70	N.E.	N.E.	None

SECTION III - PHYSICAL DATA

Boiling Point:(F): Approx. 350°
Vapor Density (air=1): 4.8-5.3
Specific Gravity (H₂O=1) .803
Percent Volatile by volume (%) 100
Appearance & Odor: Clear, colorless liquid with mild citrus odor.

Vapor Pressure (mmHG) @ 100°F: <5
Solubility (H₂O): Slight
Evaporation Rate:(n-Butyl Acetate=1) <0.1

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): 122°F TCC
Flammable Limits (by volume 25° C): LEL 1% UEL 6%
Extinguishing Media: Foam, dry chemical, or carbon dioxide. Do not use a direct stream of water.
Special Fire-Fighting Procedures: Self-contained breathing apparatus should be provided to fire fighters. Water fog may be use to cool closed containers.
Unusual fire and explosive hazards: Never use welding or cutting torch on or near drum

N.E. = Not established
N.A. = Not applicable

SECTION V - HEALTH HAZARD DATA

Primary route(s) of entry: Inhalation, eyes.

Health hazard/effects of over exposure:

Inhalation: Headache, dizziness, nausea and anesthetic effects.

Eyes: Irritation.

Skin: Repeated or prolonged contact may cause drying and defatting of skin.

Ingestion: Low order of oral toxicity; however, minute amount aspirated into lungs during ingestion may cause sever pulmonary injury.

Medical conditions aggravated by exposure: Pre-existing eye, skin and respiratory disorders may be aggravated.

Chemicals listed as potential carcinogen: NTP: NO IARC: NO OSHA: No

Emergency and First aid procedures:

Inhalation: Move to fresh air and contact physician. Administer oxygen if breathing is difficult

Eyes: Flush eyes with plenty of water, contact a physician

Skin: Wash with soap and water; apply medicated skin cream

Ingestion: Do not induce vomiting. If Vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Get medical attention.

SECTION VI - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility: Strong oxidizing agents

Decomposition Products: Thermal decomposition may yield carbon monoxide

SECTION VI - REACTIVITY DATA

Steps to be taken in the event of a spill or discharge: Ventilate area by opening doors and windows. Remove ignition sources. Remove leaking container and transfer remaining product to another vessel. Prevent product from going into sewers and water sources by diking or impounding. Using appropriate safety equipment, mop up or soak up with absorbent material, such as sand or clay.

Disposal Procedure: Dispose of in accordance with local state and federal regulations for petroleum distillates.

RCRA Hazardous Waste No.: This material has the RCRA characteristic of ignitability and if discarded in its purchased form would have the hazardous waste number D001.

CERCLA Reportable Quantity: N.A.

SARA TITLE III Chemicals: None

Precautions to be taken in handling or storage: Store away from ignition sources and avoid breathing vapors.

SECTION VIII - Control Measures

Respiratory Protection: None required if good ventilation is maintained. For enclosed areas use NIOSH approved organic vapor cartridge respirator or self-contained breathing apparatus.

Ventilation: Local exhaust is usually adequate. However, mechanical ventilation should be used when spraying in enclosed areas. Vapor concentration should be minimized as much as possible.

Protective Gloves: Use solvent resistant gloves for liquid handling.

Eye protection: For spraying or splashing of solvent, use face shield or goggles.

Other protective equipment: As necessary to prevent prolonged or repeated skin contact

Work/hygienic practices: Wash hands with soap and water after use and/or before breaks, lunch and at the end of work periods. Remove contaminated clothing and launder before reuse.