



LPS LABORATORIES

MSDS

MATERIAL SAFETY DATA SHEET

Section 1 - Product Identification and Use

Manufacturer's Name:
LPS Laboratories

Trade Name:
LPS A-151 Cleaner / Degreaser

Street Address:
4647 Hugh Howell Road

Chemical Family:
Blended Compound

City, State, Zip:
Tucker, GA 30085-5052

Part Numbers:
04320, 04328, 04305, 04355

Telephone Number: 770-934-7800

Emergency Telephone Number: 1-800-424-9300 Chemtrec

Outside U.S.: (703) 527-3887

Hazardous Materials Description and proper shipping name (49 CFR 172.101):

Compound, Boiler, Preserving Liquid NMFC 50093 SUB 2 BRL/BXS CL55
CONSUMER COMMODITY ORM-D

TSCA Inventory:

All of the ingredients are listed on the TSCA inventory.

HMIS Labeling:

Health: 2
Flammability: 2
Reactivity: 0

Section 2 - Hazardous Ingredients / Identity Information

Ingredients	CAS Numbers	%WW	OSHA PEL	ACGIH TLV	OTHER LIMITS
Aliphatic Hydrocarbon	64742-47-8	50-70	100 ppm	100 ppm	None
Alkyl Acetate	108419-34-7	10-30	N.E.	N.E.	50 ppm supplier
Dipropylene Glycol,	29911-28-2	5-15	N.E.	N.E.	None
n-Butyl Ether					
Carbon dioxide propellant (aerosol only)	124-38-9	2-3	10,000 ppm	5,000 ppm	30,000 ppm STEL

Section 3 - Physical / Chemical Characteristics

Boiling point: (F°):	Approx. 350°F	Specific gravity (H₂O = 1):	0.825
Vapor pressure (mmHg) @ 100°F:	<5	Percent volatile by volume (%):	100.00
Vapor density (Air = 1):	5.5-6.6	Evaporation rate (n-Butyl Acetate= 1):	0.06
Solubility in water:	Slight		
Appearance and odor: Clear, colorless liquid with mild fruity odor.			

Section 4 - Fire and Explosion Hazard

Flash point (method used): 142°F TCC	Flammable limits (by volume 25°C):	LEL 0.6%	UEL 20.4%
Extinguishing media: Foam, dry chemical, or carbon dioxide.			
Special fire fighting procedures: Self-contained breathing apparatus should be provided to fire fighters. Water fog may be used to cool closed containers.			
Unusual fire and explosive hazards: Intensive heat created by fire will cause aerosols to burst.			

Section 5 - Health Hazard Data

N.E. = Not Established
N.A. = Not Applicable

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

Health hazard/effects of over exposure:

Inhalation: Headache, dizziness, nausea, anesthetic effects, and other symptoms of central nervous system depression. May irritate mucosal tissue at high concentrations.

Eyes: Slight 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 severe pulmonary injury. Can also cause irritation of the digestive tract.

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 immediately.

Section 6 - Reactivity Data

Stability: Stable

Conditions to avoid: Open flames, electric arcs and other hot surfaces which may cause thermal decomposition.

Incompatibility (Materials to avoid): Caustics and oxidizing agents.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, if burned.

Hazardous polymerization: Will not occur.

Section 7 - Precautions for Safe Handling and Use

Steps to be taken when material is released or spilled: Evacuate area and ventilate. Remove ignition sources.

Remove leaking container and transfer remaining product to another vessel. Mop or soak up spill with absorbent material such as sand or clay and transfer to disposal drums using non-sparking equipment. Store in closed containers. Do not flush product to sewer.

Waste disposal methods: Dispose of in accordance with federal, state and local regulations for petroleum distillates.

RCRA Hazardous Waste No.: If discarded in its purchased form, this product is not a RCRA hazardous waste. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, and mixtures may change the classification.

CERCLA Reportable Quantity: N.A.

SARA TITLE III Chemicals: None

Precautions to be taken in handling and storage: Store aerosols below 120°F and above 32°F. Store away from ignition sources and avoid breathing vapors and prolonged skin contact. Vapors will collect in low areas. Use and store with adequate ventilation. Bond and ground during transfer of liquid.

Section 8 - Control Measures

Respiratory Protection: None required if good ventilation is maintained. If vapor concentration rises above TLV, use NIOSH approved organic vapor air-purifying respirator or self-contained breathing apparatus.

Ventilation: Use adequate ventilation to maintain TLV and prevent accumulation of vapors in low lying areas.

Protective Gloves: Use solvent resistant gloves for liquid handling (Neoprene).

Eye protection: Goggles if splashing is likely, safety glasses otherwise.

Other protective equipment: None

Work/hygienic practices: Do no get in eyes, skin, or clothing. 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.

Section 9 - Preparation Date of MSDS

The foregoing technical information and recommendations are compiled from sources that are believed to be accurate and reliable. However, they are supplied without warranty or guarantee of any kind either expressed or implied. The purchaser is responsible for selecting and determining the suitability of products for purchaser's particular needs and we disclaim any responsibility for improper applications or misuse of our products in any manner whatsoever.

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LPS Laboratories

ITW

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LPS A-151 Cleaner/Degreaser