

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: PRODUCT IDENTIFICATION AND USE

Product Name: Lubricant LB5 VD
Manufacturer: ODIF S.A.
Manufacturer's address: 104, rue E. Herriot, 69002 Lyon France
Telephone number for information: 04.78.55.07.43
Telephone number for emergencies: 04.78.55.07.43
Preparer: Raymond Traversa
Prepare Date: 07/04/97

SECTION 2: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous components</u>	<u>TLV</u>	<u>Other Limits Recommended</u>	<u>%</u>
<u>Optional</u> Special Butane for spray	800 @ 1000 ppm or 1800 @ 1900 mg/m ³		

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

Component:	Complex refined petroleum oil.		
Appearance and odor:	Colorless liquid grease.	Boiling Point:	ND
Melting point:	ND	Vapor Pressure (mm Hg):	ND
Vapor density (Air=1):	ND	Specific gravity (H₂O = 1):	0.85
Solubility in water:	Negligible Slower	Evaporation rate (Butyl Acetate=1):	

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash point (Method used): > 180° C (AFNOR NFT 60103) for active product. Flammable spray.

Flammable Limits: **LEL:** 1.9 **UEL:** 9.5% of gas in mixing with air.

Extinguishing Media: Carbon dioxide.

Special Fire Fighting Procedures: Keep containers cool with pulverized water. Carry respirator because of numerous smokes.

Unusual Fire and Explosion Hazards: At elevated temperatures (over 50°C = 120°F) containers may vent, rupture or burst. Avoid accidental ejections of oil on electrical contacts or hot surfaces.

SECTION 5: REACTIVITY DATA

Stability: Stable.

Conditions to avoid: Open flame and hot surfaces.

Incompatibility, materials to avoid: None known.

Hazardous decomposition or Byproducts: Carbon monoxide (by combustion).

Hazardous Polymerization: Will not occur.

Conditions to avoid: Pressurized container. Protect it from sunrays and do not expose to a temperature higher than 50°C (120°F). Do not puncture it or burn it even after use. Do not spray on a flame or any incandescent object. Keep away from children.

SECTION 6: HEALTH HAZARD DATA

Routes of Entry: Inhalation

Health hazards (Acute and Chronic): NA

Signs and symptoms of exposure: ND

Medical conditions generally aggravated by exposure: ND

Chemical Listed as Carcinogen or Potential Carcinogen: National Toxicology Program: No IARC Monographs: No OSHA Regulated: No

Emergency and First Aid Procedures: Call a physician.

Ingestion: Do not induce vomiting to avoid inhaling hazard in respiratory tracts.

Inhalation: In case of exposure to considerable concentrations of vapor, move victim to a

Breathing in:
Ejection in eyes:
Note to physician:

source of fresh air.
Rush to hospital.
Flush immediately with water.
None

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material

is released or spilled: Avoid breathing, avoid skin contact. Remove ignition sources. Soak up with absorbent material or allow to dry and vacuum up residue.

Waste Disposal Method: Do not puncture or incinerate containers.

Precautions to be taken in handling and

storing: Do not store where temperatures could exceed 50°C (120°F). Do not store with flammable matter (combustible).

Other precautions: None

SECTION 8: CONTROL MEASURES

Respiratory protection (type): None

Ventilation: Local Exhaust: Preferred
Mechanical (General: Should be on if spraying large amounts).

Protective gloves: UN

Eye protection: Safety glasses if ejection hazard.

Other protective clothing or equipment: None

Work/Hygienic Practices: Maximal admissible concentration in air of oil fogs: 5 mg/m³.

NA - Not Applicable

NE - Not Established

UN - Unavailable

ND - Not Determined

The information provided herein was believed to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of product and to determine the suitability of the product for its intended use.

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