

LUBRICATOR III

PENETRATING LUBRICANT

LUBRICATOR III is a fast acting, high oil content aerosol that penetrates, displaces moisture and lubricates by utilizing both Teflon and molybdenum disulfide. LUBRICATOR III has excellent penetration power for loosening frozen and rust corroded parts, removes moisture, loosens and lubricates. LUBRICATOR III quickly displaces moisture from ignition systems and protects against corrosion on unpainted surfaces. Low in toxicity and harmless to most rubber and plastics and is heat resistant up to 500°F.



FOR USE BY:	FOR USE ON:	FEATURE-BENEFIT:
Auto Mechanics	Clamps	Contains Molly and Teflon
Construction	Engine Parts	Frees Crusted Parts Fast
Food and Bottling	Fasteners	Safe on Plastics, Rubber, and Painted Surfaces
Heavy Equipment	Firearms	No Chlorinated Solvents
Industrial Plants	Frozen Nuts/Bolts	Safe Around Plastic and Paint
Marine Repair	Gears	Excellent Penetrate And Lubricant
Oil Fields	Generators	360° Valve
Railroads	Hinges	
Refineries	Linkages	
Serviceman	Lug Nuts	
Shipping	Molds	
Trucking	Relays	
Utilities	Screws	
	Sewing Machines	
	Starters	
	Threaded Parts	
	Tools	

DIRECTIONS:

Saturate part and allow to stand for a few minutes before attempting to break free. For heavily encrusted parts a wire brush may be needed. Apply a light spray to parts prior to reassembly.

TECHNICAL DATA:

Appearance and Odor: Dark Liquid, Petroleum Solvent Odor
Flash Point of Concentrate: 120° F-T.O.C.
Flammability: Extremely Flammable Spray
Specific Gravity: 0.80
Propellant: Carbon Dioxide

CONTACT INFORMATION

OFFICE:
1-888-6PURITY (678-7489)
FAX
1-877-9PURITY (978-7489)
ADDRESS:
114 SOUTHFIELD PKWY
SUITE 120
FOREST PARK GA, 30297
www.puritychemicals.com

MATERIAL SAFETY DATA SHEET



SUPPLIER:

114 Southfield Parkway, Suite 120
Forest Park, GA 30297
Phone (800) 678-7489
Emergency Contact – Infotrac 800-535-5053

SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NAME : LUBRICATOR III
CHEMICAL FAMILY : MIXED SOLVENTS
LATEST REVISION DATE : Jan, 2003

SECTION II – HAZARDOUS INGREDIENTS & OTHER COMPONENTS

INGREDIENTS	% Weight	EXPOSURE LIMITS		CAS NO.
		OSHA PEL	ACGIH TLV	
Trichloroethylene	80-90		20	79-1-6
Mineral seal oil	5-10		200	64742-30-9
Butyl Cellosolve (EB)	2-5		20	111-76-2
Ethylhexanol	1-5		unk	104-76-7

THIS PRODUCT MAY CONTAIN ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACTS OF 1968 AND OF 40 CFR 372. SEE SECTION X FOR SPECIFIC MATERIALS.

SECTION III – PHYSICAL DATA

APPEARANCE / ODOR : Clear liquid with petroleum odor
BOILING POINT : Conc. only : approx 180 – 225 F SPECIFIC GRAVITY (Water=1) : Conc. only : approx 1.20
VAPOR PRESSURE : @ 70 °F = 90-110 psig
VAPOR DENSITY (Air=1) : > 1 PERCENT VOLATILE by weight : < 70 %
SOLUBILITY IN WATER : Insoluble EVAPORATION RATE (Ethyl Ether=1) : < 1

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION : Non-Flammable aerosol per ASTM D-3065-77 Flame Extension Test
FLAMMABLE LIMITS : LEL : Not Established UEL : Not Established
FLASH POINT : Concentrate only: None Propellant only: None
SPECIAL FIRE FIGHTING PROCEDURES: Keep aerosol containers cooled with water fog to prevent bursting.
EXTINGUISHING MEDIA : Foam, CO₂, Dry Chemical
UNUSUAL FIRE AND EXPLOSION HAZARDS : Contents under pressure. Exposure of aerosol cans to temp above 120°F may cause bursting.

SECTION V

PRIMARY ROUTE(S) OF ENTRY: INHALATION : YES DERMAL : YES INGESTION : YES
EFFECTS OF OVEREXPOSURE :
SKIN : Redness, irritation and defatting of skin.
EYES : Redness, irritation and tearing.
INHALATION : Respiratory irritation, dizziness, weakness.
INGESTION : Gastrointestinal irritation, nausea, vomiting, diarrhea.
CARCINOGENICITY :
NTP : NO IARC : NO OSHA : NO
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE : Pre-existing eye, skin and respiratory disorders.
EMERGENCY AND FIRST AID PROCEDURES :
SKIN : Thoroughly with soap and water. Consult Physician if irritation persists.
EYES : Flush immediately with water for 15 minutes. Consult Physician if irritation persists.
INHALATION : Move to fresh air. Get medical attention if irritation persists.
INGESTION : Get immediate medical attention. Do not induce vomiting.

SECTION VI

STABILITY : Stable CONDITIONS TO AVOID : Temperatures above 120 °F
HAZARDOUS DECOMPOSITION BY-PRODUCTS : Carbon Monoxide, Carbon Dioxide, HF, HCL
INCOMPATIBILITY: Strong oxidizers, powdered aluminum
HAZARDOUS POLYMERIZATION : Will not occur

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Large spills are unlikely due to aerosol packaging. Ventilate area. Soak up with absorbent material and dispose of accordingly.
WASTE DISPOSAL METHOD : When disposing of spent containers, do not puncture or incinerate. Dispose of in accordance with local, state, and federal regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION : Use NIOSH approved self-contained breathing apparatus if TLV is exceeded.
VENTILLATION : Sufficient local or mechanical ventilation to maintain vapor concentrations below TLV.
PROTECTIVE GLOVES : Solvent resistant.
EYE PROTECTION : Safety glasses with chemical splash-proof side shields, chemical goggles and/or face shield.
OTHER PROTECTIVE CLOTHING AND EQUIPMENT : Sufficient to prevent skin contact.

SECTION IX – SPECIAL PRECAUTIONS

Keep out of reach of children. Avoid contact with skin, eyes or clothing. Avoid prolonged or repeated exposure to vapors. Do not store at temperature exceeding 120°F. Do not use or store around sources of heat, sparks or open flames. Do not puncture or incinerate.

SECTION X – SUPPLEMENTARY INFORMATION

SARA TITLE III : RATING SCALE: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe
HMIS CLASSIFICATION : HEALTH : 3 FLAMMABILITY : 1 REACTIVITY : 0
NFPA CLASSIFICATION : HEALTH : 3 REACTIVITY : 0 FIRE : 1
TRANSPORTATION INFORMATION: DOT: CONSUMER COMMODITY ORM-D
INTERNATIONAL : UN 1950, AEROSOL, FLAMMABLE N.O.S. HAZARD CLASS 2.1

Periodically, user should request new MSDS to assure it matches current formulation. The above information is accurate to the best of our knowledge. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use or misuse are beyond our control, no warranty is made either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. User should satisfy himself that he has all current data relevant to his particular use.