

MSDS: A5224

ITEM: 4KK76 - LUBE SILICONE 13 OZ

ORDER: 0206321841

LP NUMBER: U805932329

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - A5224

Associated Grainger Items
4KK76

LPS(R*)

LPS LABORATORIES

MSDS

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

MANUFACTURER'S NAME: LPS LABORATORIES

STREET ADDRESS: 4647 HUGH HOWELL ROAD

CITY, STATE, ZIP: TUCKER, GA 30085-5052

TELEPHONE NUMBER: 770-934-7800

EMERGENCY TELEPHONE NUMBER: 1-800-424-9300 CHEMTREC

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

TRADE NAME: LPS HEAVY-DUTY SILICONE LUBRICANT

CHEMICAL FAMILY: BLENDED COMPOUND

PART NUMBERS: 01516, 01505, 01555

HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME (49 CFR 172.101):
COMPOUND, BOILER, PRESERVING LIQUID
NMFC 50093 SUB 2 BRL/EXS CL55
CONSUMER COMMODITY ORM-D

TSCA INVENTORY: ALL OF THE INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.

HMS LABELING:
HEALTH: 1
FLAMMABILITY: 2
REACTIVITY: 0

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENTS	CAS NUMBERS	% WW	OSHA PEL	ACGIH TLV	OTHER LIMITS
ISOPARAFFINIC SOLVENT	64742-48-9	15-20	N.E.	N.E.	SUPPLIER 300 PPM
PROPANE/ISOBUTANE (AEROSOL ONLY)	68476-85-7	10-20	1,000 PPM	N.E.	NONE

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (DEG. F): APPROX. 210 DEG. F

VAPOR PRESSURE (MM HG) @ 100 DEG. F: N.E.

VAPOR DENSITY (AIR=1): APPROX. 6.0

SOLUBILITY IN WATER: YES

SPECIFIC GRAVITY (H2O=1): 0.93

PERCENT VOLATILE BY VOLUME (%): 95

EVAPORATION RATE (WATER=1): 1.0

APPEARANCE AND ODOR: WHITE MILKY LIQUID WITH MILD ODOR.

SECTION 4 - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED): 144 DEG. F, T.C.C.

FLAMMABLE LIMITS (OF DILUENT):

LEL = 1.3%

UEL = 9.5%

EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES: NONE.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS:

INTENSIVE HEAT CREATED BY FIRE WILL CAUSE AEROSOLS TO BURST. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN WHEN EMPTY).

SECTION 5 - HEALTH HAZARD DATA

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 AND 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 HIPPS 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): 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 IN CASE MATERIAL IS RELEASED OR SPILLED:
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.

WASTE DISPOSAL METHODS:
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS FOR PETROLEUM DISTILLATES.

RCRA HAZARDOUS WASTE NO.: (BULK) N.A.

CERCLA REPORTABLE QUANTITY: NONE

SARA TITLE III CHEMICALS: NONE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
STORE AS LEVEL 2 AEROSOL (NFPA 30B). STORE BULK BELOW 140 DEG. F AND ABOVE 32 DEG. F. STORE AWAY FROM IGNITION SOURCES AND AVOID BREATHING VAPORS. REMOVE OVERSPRAY FROM FLOORS TO PREVENT THEM FROM BECOMING SLIPPERY.

SECTION 8 - 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: NONE.

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.

SECTION 9 - PREPARATION DATE OF MSDS

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JANUARY 31, 2003

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LPS LABORATORIES

ITW

