

A02/052

MSDS: A5087

ITEM: 4UJ40 - Grease Bearing

ORDER: 0026158117

LP NUMBER: U824668560

MATERIAL SAFETY DATA SHEET (MSDS)

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

SAFETY DATA SHEET - A5087

Associated Grainger Items
4UJ40

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 THERMAPLEX(TM) HI-LOAD BEARING GREASE

CHEMICAL FAMILY: PETROLEUM HYDROCARBONS

PART NUMBERS: 70414, 70406, 70435, 70455

HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME (49 CFR 172.101):

COMPOUND, BOILER, PRESERVING LIQUID

NMFC 50093 SUB 2 BRL/BXS CL55

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

HMIS LABELING:

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENTS	CAS NUMBERS	% WW	OSHA PEL	ACGIH TLV	OTHER LIMITS
PETROLEUM HYDROCARBON OIL	64742-52-5	70-90	5 MG/M3*	5 MG/M3*	N.E.
MOLYBDENUM DISULFIDE	1317-33-5	1-5	N.E.	N.E.	N.E.

*OIL MIST

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (DEG. F): N.E.

SPECIFIC GRAVITY (H2O=1): 1.00

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

PERCENT VOLATILE BY VOLUME (%): 0

VAPOR DENSITY (AIR=1): >1

EVAPORATION RATE (N-BUTYL ACETATE=1): <1

SOLUBILITY IN WATER: NIL

APPEARANCE AND ODOR: BLUE/BLACK COLORED PASTE, PETROLEUM ODOR.

SECTION 4 - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED): >392 DEG. F PMCC

FLAMMABLE LIMITS (OF DILUENT):

LEL: N.E.

UEL: N.E.

EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES:

DO NOT USE WATER. SELF-CONTAINED BREATHING APPARATUS SHOULD BE PROVIDED TO

FIRE FIGHTERS. UNUSUAL FIRE AND EXPLOSIVE HAZARDS:

NONE

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: EYES, SKIN.

HEALTH HAZARD/EFFECTS OF OVER EXPOSURE:

INHALATION: OIL MIST MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT.

EYES: IRRITATION.

SKIN: REPEATED OR PROLONGED CONTACT MAY CAUSE DRYING AND DEFATTING OF SKIN.

INGESTION:

NO KNOWNLY ROUTE OF EXPOSURE. LOW ORDER OF ORAL TOXICITY; HOWEVER MINUTE

AMOUNTS INHALED INTO LUNGS DURING INGESTION MAY CAUSE SEVERE PULMONARY

INJURY.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE FROM NORMAL EXPOSURE.

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 PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER; APPLY MEDICATED SKIN CREAM.

INGESTION:

CONTAINS PETROLEUM OIL. DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. CONTACT PHYSICIAN IMMEDIATELY.

SECTION 6 - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: NO SPECIFIC MEASURES NECESSARY.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:

THERMAL DECOMPOSITION MAY YIELD, CARBON MONOXIDE, CARBON DIOXIDE, SMOKE, AND FUMES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SCOOP UP EXCESS, WIPE UP WITH RAGS. PICK-UP RESIDUE WITH DIATOMACEOUS EARTH TO AVOID WALKING HAZARD.

WASTE DISPOSAL METHODS:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS FOR PETROLEUM DISTILLATES.

RCRA HAZARDOUS WASTE NO.: N.A.

CERCLA REPORTABLE QUANTITY: N.A.

SARA TITLE III CHEMICALS: NONE.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

STORE BELOW 150 DEG. F AND ABOVE 32 DEG. F STORE AWAY FROM IGNITION SOURCES AND AVOID BREATHING VAPORS.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED.

VENTILATION: LOCAL EXHAUST IS USUALLY ADEQUATE.

PROTECTIVE GLOVES:

USE SOLVENT RESISTANT GLOVES FOR PROLONGED OR REPEATED CONTACT.

EYE PROTECTION: USE FACE SHIELD OR GOGGLES IF EYE CONTACT IS LIKELY.

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.

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.

JANUARY 31, 2003

FRED FUGITT, TECHNICAL SERVICES CHEMIST

ED WILLIAMS, MANAGER OF RESEARCH AND DEVELOPMENT

LPS LABORATORIES

ITW

FORM #: 2656

MSDS LPS THERMAPLEX(TM) HI-LOAD BEARING GREASE

N.E. = NOT ESTABLISHED

N.A. = NOT APPLICABLE