

ITEM: 4NA76 - Oil Multi Purpose 4 Oz

MSDS: B9495

ORDER: 0103775691

LP NUMBER: U848676830

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 - B9495 ***** SECTION 4: FIRST AID MEASURES *****

Associated Grainger Items
4NA76, 1XPG4
SAFETY DATA SHEET
LA-CO (R*)
MARKEL (R*)

PRODUCT NAME: ZOOM SPOUT (R*) OILER
PREPARATION DATE: OCTOBER 26, 2010

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ZOOM SPOUT (R*) OILER
PRODUCT CODE: 79704
PRODUCT USE: LUBRICATING OIL FOR GENERAL APPLICATIONS.

MANUFACTURER:
LA-CO INDUSTRIES, INC.
1201 PRATT BOULEVARD
ELK GROVE VILLAGE, IL.
60007-5746
E-MAIL CONTACT: CUSTOMER_SERVICE@LACO.COM
PHONE NUMBER: (847) 956-7600
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24-HOUR EMERGENCY:
CHEMTREC: (800) 424-9300

SECTION 2: HAZARDS IDENTIFICATION

PROTECTIVE CLOTHING: NOT REQUIRED FOR NORMAL USE
NFPA RATING (USA):
0
1
0
WHMIS (CANADA): NOT CONTROLLED
TRANSPORT: NOT REGULATED
EMERGENCY OVERVIEW:
EXPOSURE TO HAZARDOUS SUBSTANCES IS NOT EXPECTED WHEN HANDLING THIS PRODUCT FOR ITS INTENDED USE.
APPEARANCE, COLOR AND ODOR:
CLEAR, COLORLESS TO LIGHT YELLOW LIQUID, PETROLEUM-OIL ODOR.
USA:
THIS PRODUCT IS NOT A HAZARDOUS MATERIAL AS DEFINED BY 29 CFR 1910.1200, OSHA HAZARD COMMUNICATION STANDARD.
CANADA: THIS IS NOT A CONTROLLED PRODUCT UNDER WHMIS.
POTENTIAL HEALTH EFFECTS:
ACUTE (SHORT TERM):
RELEVANT ROUTE(S) OF EXPOSURE: SKIN CONTACT.

INHALATION:
EXPOSURE TO HAZARDOUS SUBSTANCES BY INHALATION IS NOT EXPECTED WITH NORMAL USE. INHALATION OF OIL MIST OR VAPORS AT ELEVATED TEMPERATURES MAY CAUSE RESPIRATORY IRRITATION.
INGESTION:
NOT AN EXPECTED ROUTE OF OCCUPATIONAL EXPOSURE. ACUTE ORAL TOXICITY OF THE COMPONENT SUBSTANCES IS LOW. INGESTION OF LARGE AMOUNTS OF THE PRODUCT MAY CAUSE NAUSEA, VOMITING AND DIARRHEA.
SKIN:
MAY CAUSE SKIN IRRITATION IN SOME INDIVIDUALS. SYMPTOMS MAY INCLUDE REDNESS AND A BURNING SENSATION. A COMPONENT OF THIS MATERIAL MAY CAUSE AN ALLERGIC SKIN REACTION.
EYE: DIRECT CONTACT WITH THE EYE MAY CAUSE MILD IRRITATION.

CHRONIC (LONG TERM):
PROLONGED OR REPEATED CONTACT CAN DEFEAT THE SKIN, CAUSING DRYING AND CRACKING OF THE SKIN, AND POSSIBLY DERMATITIS (INFLAMMATION).
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
PREEXISTING SKIN DISORDERS MAY BE AGGRAVATED BY REPEATED EXPOSURE TO THE PRODUCT.
INTERACTIONS WITH OTHER CHEMICALS: NOT AVAILABLE
POTENTIAL ENVIRONMENTAL EFFECTS: NOT AVAILABLE

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME CAS NO. WT.%
PRODUCT IS A NON-HAZARDOUS MIXTURE OF PETROLEUM, LUBRICATING BASE OIL AND PROPRIETARY ADDITIVES. NO HAZARDOUS/DANGEROUS INGREDIENTS BY OSHA AND WHMIS CRITERIA.

INHALATION:
IF RESPIRATORY SYMPTOMS DEVELOP, REMOVE SOURCE OF CONTAMINATION OR MOVE VICTIM TO FRESH AIR. OBTAIN MEDICAL ADVICE.
EYE CONTACT:
NO EFFECTS EXPECTED. IF IRRITATION OCCURS, FLUSH CONTAMINATED EYE(S) WITH LUKEWARM, GENTLY FLOWING WATER FOR 5 MINUTES.
IF IRRITATION PERSISTS, OBTAIN MEDICAL ADVICE.
SKIN CONTACT:
REMOVE CONTAMINATED SHOES AND CLOTHING AND CLEANSE AFFECTED AREA(S) THOROUGHLY BY WASHING WITH MILD SOAP AND WATER OR A WATERLESS HAND CLEANER. IF IRRITATION OR REDNESS DEVELOPS AND PERSISTS, SEEK MEDICAL ATTENTION.
INGESTION:
IF IRRITATION OR DISCOMFORT OCCURS, OBTAIN MEDICAL ADVICE IMMEDIATELY.

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: PRODUCT WILL BURN IF INVOLVED IN A FIRE.
FLASHPOINT: >150 DEG. C (>302 DEG. F) ASTM D93
SUITABLE EXTINGUISHING MEDIA:
FOR SMALL FIRES, USE WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE OR APPROPRIATE FOAM. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.
UNSUITABLE EXTINGUISHING MEDIA:
DO NOT USE A SOLID STREAM OF WATER DIRECTLY ON THE FIRE AS THE WATER MAY SPREAD THE FIRE.
EXPLOSION DATA:
SENSITIVITY TO MECHANICAL IMPACT: NOT APPLICABLE
SENSITIVITY TO STATIC DISCHARGE: NOT APPLICABLE

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:
COMBUSTION MAY PRODUCE NITROGEN OXIDES, CARBON DIOXIDE, CARBON MONOXIDE, SMOKE, TOXIC AND IRRITATING GASES. HOT PRODUCT CAN CAUSE THERMAL BURNS.
PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:
SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN. REMOVE ALL UNPROTECTED PERSONNEL.

NFPA:
HEALTH 0
FLAMMABILITY 1
INSTABILITY 0

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:
AVOID CONTACT WITH SKIN AND EYES. EXTINGUISH ALL SOURCES OF IGNITION. VENTILATE THE AREA.
MONITOR THE WORKPLACE AIR FOR HARMFUL CONCENTRATIONS OF VAPORS AND TAKE APPROPRIATE PRECAUTIONS IF CONCENTRATIONS IN AIR EXCEED WORKPLACE EXPOSURE LIMITS.
ENVIRONMENTAL PRECAUTIONS:
PREVENT THE PRODUCT FROM ENTERING SEWERS OR WATERWAYS.
METHODS FOR CONTAINMENT: STOP THE RELEASE IF IT IS SAFE TO DO SO.
METHODS FOR CLEAN-UP:
CLEAN UP SPILLS IMMEDIATELY. ABSORB SPILLED MATERIAL WITH DRY EARTH, SAND, OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL AND TRANSFER TO APPROPRIATE, COVERED AND LABELED WASTE CONTAINERS. DISPOSE OF UNUSABLE PRODUCT AS DESCRIBED IN SECTION 13 OF THIS SDS.

SECTION 7: HANDLING AND STORAGE

HANDLING:
DO NOT INGEST. AVOID BREATHING VAPORS. AVOID CONTACT WITH SKIN AND EYES. DO NOT USE NEAR HOT SURFACES OR FLAMES. NO SMOKING. KEEP OUT OF REACH OF CHILDREN.
STORAGE:
STORE IN A COOL, DRY AREA, OUT OF DIRECT SUNLIGHT AND AWAY FROM HEAT, FLAMES AND IGNITION SOURCES. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:
MEASURABLE AIRBORNE CONCENTRATIONS OF THE COMPONENT SUBSTANCES ARE NOT EXPECTED WHEN THE PRODUCT IS USED FOR ITS INTENDED PURPOSE.
INGREDIENT ACGIH TLV U.S. OSHA PEL ONTARIO (CANADA) TWAEF
(8-HR. TWA) (8-HR. TWA)
LUBRICANT BASE OIL 5 MG/M3 5 MG/M3 5 MG/M3 STEV: 10 MG/M3
(PETROLEUM) STEL: 10 MG/M3 AS OIL MIST, MINERAL OIL MIST
AS OIL MIST, IF IF GENERATED
GENERATED
EXPOSURE CONTROLS:
ENGINEERING CONTROLS: NOT REQUIRED FOR ITS INTENDED USE.
PERSONAL PROTECTION:
EYE/FACE PROTECTION:
NOT REQUIRED FOR NORMAL USE. WEAR SAFETY GLASSES WHEN NEEDED TO PREVENT EYE CONTACT.

SKIN PROTECTION:
NOT REQUIRED FOR NORMAL USE. WEAR GLOVES WHEN NEEDED TO PREVENT REPEATED OR
PROLONGED SKIN CONTACT.

RESPIRATORY PROTECTION: NOT REQUIRED FOR NORMAL USE.

GENERAL HYGIENE MEASURES:
DO NOT INGEST. AVOID CONTACT WITH SKIN AND EYES. KEEP OUT OF REACH OF
CHILDREN. WASH HANDS AFTER HANDLING.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID

APPEARANCE, COLOR AND ODOR:
CLEAR, COLORLESS TO LIGHT YELLOW, PETROLEUM-OIL ODOR.

ODOR THRESHOLD: NOT AVAILABLE

PH: NOT AVAILABLE

SPECIFIC GRAVITY (WATER = 1): 0.86 - 0.87 @ 15.6 DEG. C (60 DEG. F)

BULK DENSITY: 7.2 - 7.3 LBS/GAL

PARTITION COEFFICIENT (n-OCTANOL/WATER): NOT AVAILABLE

SOLUBILITY: INSOLUBLE IN WATER

VISCOSITY: NOT AVAILABLE

DECOMPOSITION TEMPERATURE: NOT AVAILABLE

FLASH POINT & METHOD: >150 DEG. C (>302 DEG. F) ASTM D93

AUTOIGNITION TEMPERATURE: NOT AVAILABLE

FLAMMABILITY LIMITS IN AIR: NOT AVAILABLE

VAPOR PRESSURE: <1 MMHg

VAPOR DENSITY (AIR = 1): >1

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

BOILING POINT/RANGE: NOT AVAILABLE

FREEZING POINT: <-18 DEG. C (<-0.4 DEG. F)

VOC CONTENT: NOT AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE AT NORMAL ROOM TEMPERATURE.

CONDITIONS TO AVOID: AVOID EXTREME HEAT AND OPEN FLAMES.

INCOMPATIBLE MATERIALS:
INCOMPATIBLE WITH STRONG OXIDIZING AGENTS STRONG REDUCING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:
FROM THERMAL OXIDATIVE DECOMPOSITION; NITROGEN OXIDES, CARBON MONOXIDE AND
CARBON DIOXIDE, HYDROCARBON VAPOR.

POSSIBILITY OF HAZARDOUS REACTIONS: NOT AVAILABLE

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY DATA:

CHEMICAL NAME	LD50 ORAL (MG/KG)	LD50 DERMAL (MG/KG)	LC50 INHALATION (4 HRS.)
LUBRICANT OIL	>5000	>2000	NOT AVAILABLE

OTHER TOXICITY DATA:

CARCINOGENICITY:
THE PETROLEUM BASE OILS CONTAINED IN THIS PRODUCT HAVE BEEN HIGHLY REFINED
BY A VARIETY OF PROCESSES INCLUDING SEVERE HYDROCRACKING/HYDROPROCESSING TO
REDUCE AROMATICS AND IMPROVE PERFORMANCE CHARACTERISTICS. ALL OF THE OILS
MEET THE IP-346 CRITERIA OF LESS THAN 3 PERCENT PAH'S AND ARE NOT CONSIDERED
CARCINOGENS BY NTP, IARC, OR OSHA.

IRRITATION:
CONTACT WITH THE SKIN MAY CAUSE IRRITATION IN SOME INDIVIDUALS. DIRECT EYE
CONTACT MAY CAUSE IRRITATION.

CORROSIVITY: NOT APPLICABLE

SENSITIZATION: NOT AVAILABLE

NEUROLOGICAL EFFECTS: NOT AVAILABLE

GENETIC EFFECTS: NOT AVAILABLE

REPRODUCTIVE EFFECTS: NOT AVAILABLE

DEVELOPMENTAL EFFECTS: NOT AVAILABLE

TARGET ORGAN EFFECTS: NOT AVAILABLE

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:
ASSAYS HAVE DEMONSTRATED ACUTE AQUATIC TOXICITY VALUES GREATER THAN 1000
MG/L.

PERSISTENCE/DEGRADABILITY: NOT READILY BIODEGRADABLE.

BIOACCUMULATION/ACCUMULATION:
LOG KOW VALUES MEASURED FOR THE HYDROCARBON COMPONENTS OF THIS MATERIAL
RANGE FROM 4 TO 6.

MOBILITY:
VOLATILIZATION TO AIR IS NOT EXPECTED TO BE A SIGNIFICANT FATE PROCESS DUE

TO THE LOW VAPOR PRESSURE OF THIS MATERIAL. IN WATER, BASE OILS WILL FLOAT
AND SPREAD OVER THE SURFACE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
DO NOT DUMP INTO ANY SEWERS, ON THE GROUND OR INTO ANY BODY OF WATER. STORE
MATERIAL FOR DISPOSAL AS INDICATED IN SECTION 7 HANDLING AND STORAGE.

THE CONDITIONS OF USE, STORAGE AND DISPOSAL OF THIS PRODUCT ARE BEYOND OUR
CONTROL AND MAY BE BEYOND OUR KNOWLEDGE. FOR THIS AND OTHER REASONS, LA-CO
INDUSTRIES, INC. DOES NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM
LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED
WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT.

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE/PROVINCIAL AND FEDERAL LAWS AND
REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

U.S. HAZARDOUS MATERIALS REGULATION (DOT 49 CFR): NOT REGULATED

CANADIAN TRANSPORTATION OF DANGEROUS GOODS (TDG): NOT REGULATED

ADR/RID: NOT REGULATED

IMDG: NOT REGULATED

MARINE POLLUTANTS: NOT APPLICABLE

ICAO/IATA: NOT REGULATED

SECTION 15: REGULATORY INFORMATION

USA:

TSCA STATUS: ALL INGREDIENTS IN THE PRODUCT ARE LISTED ON THE TSCA
INVENTORY.

SARA TITLE III:
SEC. 302/304: NONE
SEC. 311/312: NOT APPLICABLE
SEC. 313: NOT APPLICABLE
CERCLA RQ: NOT APPLICABLE

CALIFORNIA PROP 65:
THIS PRODUCT DOES NOT CONTAIN CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO
CAUSE CANCER BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CANADA:
THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF
THE CONTROLLED PRODUCTS REGULATIONS AND THE MSDS CONTAINS ALL THE
INFORMATION REQUIRED BY THE CONTROLLED PRODUCTS REGULATIONS.

WHMIS CLASSIFICATION: NOT CONTROLLED

DSL INVENTORY:
ALL SUBSTANCES ARE LISTED, AS REQUIRED, ON CANADA'S DSL OR ARE EXEMPT.

NPRI SUBSTANCES: NOT APPLICABLE

SECTION 16: OTHER INFORMATION

REVISION DATE: OCTOBER 26, 2010

PREPARED BY:
LEHDER ENVIRONMENTAL SERVICES LIMITED (519) 336-4101

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