

TRIBOL A UNIT OF ICI SPECIALTY -- MOLUB-ALLOY 777-2 GREASE

MSDS Safety Information

FSC: 9150  
NIIN: 00-180-6381  
MSDS Date: 01/28/1993  
MSDS Num: BVGHN  
Product ID: MOLUB-ALLOY 777-2 GREASE  
MFN: 02  
Responsible Party  
Cage: 00468  
Name: TRIBOL A UNIT OF ICI SPECIALTY CHEMICALS  
Address: 21021 VENTURA BLVD SU  
ITE 600  
City: WOODLAND HILLS CA 91364-2297  
Info Phone Number: 213-679-0271(FORMERLY IMPERIAL OIL)  
Emergency Phone Number: 213-679-0271/800-424-9300(CHEMTREC)  
Preparer's Name: NABIL N. SAATY  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

Contractor Summary

Cage: 00468  
Name: TRIBOL A UNIT OF ICI SPECIALTY CHEMICALS  
Address: 21021 VENTURA BLVD SUITE 600  
City: WOODLAND HILLS CA 91364-2297  
Phone: 213-679-0271/800-424-9300(CHEMTREC)

Item Description Information

Item Manager: S9G  
Item Name: GREASE,GENERAL PURPOSE  
Specification Number: MIL-G-24139  
Type/Grade/Class: NONE  
Unit of Issue: CN  
Quantitative Expression: 20000000175LB  
UI Container Qty: G  
Type of Container: CAN

Ingredients

=====  
Name: \*\*\* PROPRIETARY \*\*\*  
-----

=====  
Health Hazards Data  
=====

LD50 LC50 Mixture: LD50 (ORAL RAT) IS > 5000 MG/KG

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: CONTACT MAY CAUSE SKIN & EYE

IRRITATION. INHALATION OF VAPORS MAY CAUSE IRRITATION OF MUCOUS M  
EMBRANES OF

NOSE, THROAT, & MOUTH; CNS EFFECTS (HIGH CONCENTRATIONS > PEL); CHEMICAL  
PNEUMONITIS. ASPIRATION DURING SWALLOWING OR VOMITING MAY CAUSE PULMONARY  
INJURY. CHRONIC: PROLONGED/REPEATED EXPOSURE MAY CAUSE DERMATITIS...

Explanation Of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR  
GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure: INHALED: HEADACHE, NAUSEA, VOMITING,  
COUGHING, WHEEZING, SHORTNESS OF BREATH. EYES: REDNE  
SS, TEARING, BURNING.

SKIN: REDNESS, DISCOMFORT, RASH.

Medical Cond Aggravated By Exposure: EXISTING CHRONIC DERMAL, RESPIRATORY &  
CARDIOVASCULAR DISEASES.

First Aid: SKIN-WIPE OFF, THEN WASH THOROUGHLY WITH SOAP & WATER.

EYES-FLUSH WITH LOTS OF WATER FOR 15 MINUTES, LIFT LIDS. GET PROMPT MEDICAL  
ATTENTION. INHALED-REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT;  
GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. GET MEDICAL ATTENTION.

INGESTED-IF CONSCIOUS, GIVE 1-2

GLASSES OF MILK OR WATER. DO NOT INDUCE  
VOMITING! GET MEDICAL ATTENTION.

=====  
Handling and Disposal  
=====

Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA, DIKE THE  
SPILL. SCOOP UP EXCESS GREASE. ABSORB RESIDUE WITH AN INERT MATERIAL SUCH AS  
EARTH, SAND OR VERMICULITE. SWEEP UP AND TRANSFER TO A CONTAINER FOR PROPER  
DISPOSAL. CLEAN AREA WITH APPROPRIATE CLEANER

Neutra

lizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: PLACE IN AN APPROVED DISPOSAL FACILITY OR DISPOSE OF IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. IF A SPILL ENTERS U.S. NAVIGABLE WATERS, NOTIFY THE COAST GUARD NATIONAL RESPONSE CENTER AT 800-424-8802.

Handling And Storage Precautions: STORAGE-STORE IN A COOL, DRY, VENTILATED PLACE. KEEP AWAY FROM OPEN FLAMES & OXIDIZERS.

Other Precautions: MINIMIZE SKIN CONTACT. EMPTY CONTAINERS MAY CONTAIN EXPLOSIVE VAPORS. DO NOT EXPOSE TO DIRECT FLAME. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE CLEANED.

=====  
Fire and Explosion Hazard Information  
=====

Flash Point Method: COC

Flash Point Text: UNKNOWN

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, OR DRY CHEMICAL. DO NOT USE

A DIRECT STREAM OF WATER. IT MAY CAUSE FROTHING.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: NONE KNOWN.

=====  
Control Measures  
=====

Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE

NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR

CARTRIDGE OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134 & MANUFACTURER'S RECOMMENDATIONS.

Ventilation: GENERAL VENTILATION, NORMALLY ADEQUATE, SHOULD BE AUGMENTED WITH LOCAL EXHAUST WHENEVER THE TLV/PEL IS EXCEEDED.

Protective Gloves: OIL RESISTANT SUCH AS NEOPRENE

Eye Protection: CHEMICAL GOGGLES/FULL FACE-SHIELD

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING

G AND APRON AS REQUIRED. OTHER AS DEEMED NECESSARY.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING.

Supplemental Safety and Health: CHRONIC HEALTH CONT'D: MAY CAUSE KERATITIS, CONJUNCTIVITIS, POSSIBLE SYSTEMIC POISONING, RESPIRATORY IRRITATION.

REGULATORY INFO:SARA 302/EHS-NONE;SARA 313-ANTIMONY (1.4), ZINC (1.4%);CERCLA REPORTING -NONE, RQ=10.6 GALLONS (DUE TO ANTIMONY); RCRA-ANTIMONY COMPOU

ND,NOS (40 CFR 261, APPENDIX VIII).

Physical/Chemical Properties

HCC: V6

B.P. Text: UNKNOWN

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: UNKNOWN

Vapor Density: UNKNOWN

Spec Gravity: 0.90

Evaporation Rate & Reference: N/K (N-BUTYL ACETATE=1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: DARK GREY PASTE - FAINT CHARACTERISTIC ODOR

Corrosion Rate: UNKNOWN

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: PROLONGED EXPOSURE TO ELEVATED TEMPERATURES.

Materials To Avoid: STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, & STRONG ALKALIS.

Hazardous Decomposition Products: SMOKE & TOXIC GASES:LITHIUM OXIDE & HYDRIDE, HYDROGEN SULFIDE,ALDEHYDES,KETONES & OXIDES OF ANTIMONY,MOLYBDENUM,C,S & N

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE SPECIFIED BY MANUFACTURER.

Toxicological Information

Ecological Information

MSDS Transport Information

=====  
Regulatory Information  
=====

=====  
Other Information  
=====

=====  
Transportation Information  
=====

Responsible Party Cage: 00468

Trans ID NO: 54068

Product ID: MOLUB-ALLOY 777-2 GREASE

MSDS Prepared Date: 01/28/1993

Review Date: 10/12/1994

MFN: 2

Net Unit Weight: 1.750 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: G

Type Of Container: CAN

Additional Data: UNIT CONTAINER SHALL CONFORM TO PPP-C-96, TYPE V, CLASS 2.  
MARK IAW MIL-STD-290. BAR CODE IAW MIL-ST D-129.

=====  
Detail DOT Information  
=====

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====  
Detail IMO Information  
=====

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

=====  
Detail IATA Information  
=====

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
=====

=====

Detail AFI Information

=====

AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====

HAZCOM Label

=====

Product ID: MOLUB-ALLOY 777-2 GREASE

Cage: 00468

Company Name: TRIBOL A UNIT OF ICI SPECIALTY CHEMICALS

Street: 21021 VENTURA BLVD SUITE 600

City: WOODLAND HILLS CA

Zipcode: 91364-229

7

Health Emergency Phone: 213-679-0271/800-424-9300(CHEMTREC)

Label Required IND: Y

Date Of Label Review: 10/12/1994

Status Code: C

Label Date: 10/12/1994

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: CONTACT MAY CAUSE SKIN & EYE IRRITATION. INHALATION  
OF VAPORS MAY CAUSE IRRITATION

OF MUCOUS MEMBRANES; CNS EFFECTS (AT

CONCENTRATIONS ABOVE PEL); CHEMICAL PNEUMONITIS. ASPIRATION DURING SWALLOWING  
OR VOMITING MAY CAUSE PULMONARY INJURY. PROLONGED/REPEATED EXPOSURE MAY

CAUSE

DERMATITIS, KERATITIS, & CONJUNCTIVITIS. FIRST AID: GET MEDICAL

ATTENTION. SKIN-WASH THOROUGHLY WITH SOAP & WATER. EYES-FLUSH WITH LOTS OF  
WATER FOR 15 MINUTES, LIFT LIDS. INHALED-REMOVE TO FRESH AIR. GIVE OXYGEN IF

BREATHING DIFFICULT; GIVE ARTIFICIAL RESPIRATION IF BREATHING

STOPPED. INGESTED-I

F CONSCIOUS,GIVE 1-2 GLASSES OF MILK OR WATER.DO NOT  
INDUCE VOMITING!TARGET ORGANS:LUNGS,CNS

=====  
Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.