

TRIBOL A UNIT OF ICI SPECIALTY CHEMICALS -- MOLUB-ALLOY 777-2 GREASE -- 9150-00-180-6381

===== Product Identification =====

Product ID:MOLUB-ALLOY 777-2 GREASE

MSDS Date:06/22/1990

FSC:9150

NIIN:00-180-6381

MSDS Number: BMTVG

=== Responsible Party ===

Company Name:TRIBOL A UNIT OF ICI SPECIALTY CHEMICALS

Address:21021 VENTURA BLVD SUITE 600

City:WOODLAND HILLS

State:CA

ZIP:91364-2297

Country:US

Info Phone Num:213-679-0271(FORMERLY IMPERIAL OIL)

Emergency Phone

Num:213-679-0271/800-424-9300(CHEMTREC)

Preparer's Name:NABIL N. SAATY

CAGE:00468

=== Contractor Identification ===

Company Name:TRIBOL A UNIT OF ICI SPECIALTY CHEMICALS

Address:21021 VENTURA BLVD SUITE 600

Box:City:WOODLAND HILLS

State:CA

ZIP:91364-2297

Country:US

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CAGE:00468

===== Composition/Information on Ingredients =====

Ingred Name:SOLVENT DEASPHALTED RESIDUAL PETROLEUM OIL/SEVERELY TREATED
PETROLEUM DISTILLATES AND RAFFINA
TES

CAS:64741-95-3

Fraction by Wt: 78 - 90%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:ANTIMONY COMPOUND/ORGANO-ANTIMONY COMPOUND

Fraction by Wt: 1 - 2%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.5 MG/M3 AS SB

ACGIH TLV:0.5 MG/M3 AS SB

===== Hazards Identification =====

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:N

O IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYES:MAY CAUSE IRRITATION & BURNING.SKIN:MAY CAUSE IRRITATION.RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION & NECROSIS.INHALE:VAPORS MAY IRRITATE NOSE & THROAT.MAY ACCUMULATE IN LUN G CAUSING CHEMICAL PNEUMONITIS.ORAL:ASPIRATION INTO THE LUNG MAY CAUSE PULMONARY INJURY.CHRONIC-MAY CAUSE DERMATITIS.

Effects of Overexposure:MAY CAUSE EYE IRRITATION & BURNING. MAY CAUSE SKIN IRRITATION. INHALE:VAPORS MA

Y IRRITATE NOSE & THROAT. MAY

CAUSE HEADACHE, NAUSEA AND VOMITING. OIL VAPORS MAY ACCUMULATE IN THE LUNG CAUSING CHEMICAL PNEUMONITIS. ASPIRATION INTO THE LUNG MAY CAUSE PULMONARY INJURY AND MAY BE FATAL.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR IMPAIRED RESPIRATORY FUNCTION OR CARDIOVASCULAR DISEASES MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

===== First Aid Measures =====

First Aid

:GET MEDICAL ATTENTION.INHALED:REMOVE TO FRESH AIR.PROVIDE CPR/OXYGEN IF NEEDED.ORAL:DO NOT INDUCE VOMITING.IF CONSCIOUS,DRINK 1-2 GLASSES OF MILK/WATER.KEEP HEAD BELOW HIPS IF VOMITING STARTS.EYE:FLUS H WITH WATER FOR 15 MINUTES,HOLDING EYELIDS OPEN.SKIN:WIPE EXCESS OFF.WASH WITH SOAP & WATER.NOTE TO PHYSICIAN:INTUBATE THE STOMACH.ASPIRATE THE PHARYNX AS REGULARLY AS POSSIBLE TO REMOVE CONTENT.

===== Fire Fighting Measures =====

Flash

Point Method:COC

Flash Point:445F (BASE OIL)

Extinguishing Media:USE WATER FOG, CO2, 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:SMOKE AND TOXIC GASES INCLUDING LITHIUM OXIDE AND HYDRIDE, HYDROGEN SULFIDE, ALDEHYDES, KETONES AND OXIDES OF ANTIMONY, MOL

YBDENUM, CARBON, SULFUR AND NITROGEN

===== Accidental Release Measures =====

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

===== Handling and Storage =====

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.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE A NIOSH-APPROVED SUPPLIED-AIR RESPIRATOR

(SA) OR SELF-CONTAINED BREATHING APPARATUS (SCBA).

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 AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:V6

Spec Gravity:0.90

Appearance and Odor:DARK GREY VISCOUS PASTE - FAINT CHARACTERISTIC ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, OPEN FLAMES

Hazardous Decomposition Products:SMOKE & TOXIC GASES:LITHIUM OX

IDE &

HYDRIDE, HYDROGEN SULFIDE, ALDEHYDES, KETONES & OXIDES OF
ANTIMONY, MOLYBDENUM, C, S & N

===== Disposal Considerations =====

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

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