

TRIBOLUBE-14 A SPRAY GREASE

MSDS Number

BZPMK

National Stock Number

9150-01-327-1208

Product Name

TRIBOLUBE-14 A SPRAY GREASE

Manufacturer

AEROSPACE LUBRICANTS INC

Product Identification

Product ID:TRIBOLUBE-14 A SPRAY GREASE

MSDS Date:02/01/1995

FSC:9150

NIIN:01-327-1208

MSDS Number: BZPMK

Responsible Party

AEROSPACE LUBRICANTS INC.

1505 DELASHMUT AVE

COLUMBUS , OH 43212

US

Emergency Phone: 614-291-3045

Info Phone: 614-291-3045

Cage: 66164

Contractor

AEROSPACE LUBRICANTS INC.

COLUMBUS, OH 43228

US

614-878-3600

Cage: 66164

Ingredients

1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA

CAS: 76-13-1

RTECS: KJ4000000

OSHA PEL1000 PPM

ACGIH TLV: 1000PPM/1250STEL; 96

METHYL ALCOHOL (METHANOL) (SARA 313) (CERCLA)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight:

OSHA PELS, 200 PPM

ACGIH TLV: S,200PPM/250STEL; 96

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ISOPROPYL ALCOHOL (SARA 313)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight:

OSHA PEL400 PPM

ACGIH TLV: 400 PPM/500STEL;9596

METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA 313)

CAS: 71-55-6

RTECS: KJ2975000

Fraction By Weight:

OSHA PEL350 PPM

ACGIH TLV: 350 PPM/450STEL;9596

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

METHYLENE CHLORIDE (SARA 313) (CERCLA)/DICHLOROMETHANE

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight:

OSHA PEL500 PPM; Z-2

ACGIH TLV: 50 PPM, A2; 9596

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, CNS,
RESPIRATORY & GI TRACTS. ACUTE- EYES/SKIN:CAN CAUSE IRRITATION.
INHALE:AT LEVEL OF 500 PPM, IMMEDIATELY DANGEROUS TO LIFE/HEALTH.

OVEREXPOSURE MAY CAUSE ASPHYXIATION, SENSITIZATION OF HEART,
SUDDEN DEATH. ORAL:MAY CAUSE CNS DEPRESSION & ARRHYTHMIA. CHRONIC-
MILD LIVER EFFECTS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, ABDOMINAL PAIN,
HEADACHE, DROWSINESS, DIZZINESS, TEARING, BLURRED VISION, DRYNESS
OF SKIN, DERMATITIS

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING
DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS,
HEART, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF
EXCESSIVE EXPOSURES.

First Aid

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15
MINUTES, HOLDING EYELIDS OPEN. CONSULT A PHYSICIAN. SKIN:REMOVE
CONTAMINATED CLOTHING. WASH SKIN WITH PLENTY OF SOAP AND WATER.
ORAL:DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY. IF

CONSCIOUS, DRINK MILK OR WATER. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS.

Fire Fighting

Flash Point Method: COC

Flash Point: 435F, 224C

Autoignition Temp: Autoignition Temp Text: >500F

Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, REGULAR FOAM/ DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures: WEAR PROTECTIVE CLOTHING & NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. DON'T SCATTER FIRE WITH HIGH-PRESSURE WATER STREAM.

Unusual Fire/Explosion Hazard: AEROSOL CANS MAY EXPLODE.

Accidental Release

Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. REMOVE OPEN FLAMES. ABSORB SPILLS WITH INERT MATERIAL SUCH AS SAND/VERMICULITE. PLACE IN A SUITABLE CONTAINER FOR DISPOSAL. DO NOT FLUSH TO SEWER OR WATERWAY S.

Neutralizing Agent: NOT RELEVANT

Handling

Handling and Storage Precautions: STORE IN COOL, DRY, VENTILATED PLACE AWAY FROM INCOMPATIBLES. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: VAPORS HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS. WEAR RESPIRATOR BEFORE ENTERING LOW AREAS. DO NOT CUT OR WELD ON EMPTY OR FULL CONTAINERS. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING. KEEP OUT OF REACH OF CHILDREN.

Exposure Controls

Respiratory Protection: WEAR NIOSH-APPROVED FULL FACE ORGANIC VAPOR RESPIRATOR. IF OVER 1000 PPM TLV, USE SELF-CONTAINED BREATHING APPARATUS OR AIR LINE RESPIRATOR WITH FULL FACEPIECE.

Ventilation: USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves: VITON, POLYVINYL ALCOHOL (PVA)

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

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

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A OR B, SAME NSN.

Chemical Properties

HCC: V2

NRC/State Lic Num: NOT RELEVANT

Boiling Pt: 47.8C, 118.F

Decomp Temp: >250.C, 482.F

Vapor Pres: 690 @ 70F

Vapor Density: 6.5

Spec Gravity: 1.50

Viscosity: NOT KNOWN

Evaporation Rate & Reference: AEROSOL

Solubility in Water: 0.03%

Appearance and Odor: TAN LIQUID - FAINT ETHEREAL ODOR

Stability

Stability Indicator/Materials to Avoid: YES

ALKALI METALS, POWDER OF ALUMINUM, BARIUM, LITHIUM AND TITANIUM, BERYLLIUM, MAGNESIUM, PLASTIC, RUBBER, ZINC

Stability Condition to Avoid: EXCESSIVE HEAT, OPEN FLAME, ELECTRIC ARCS, HOT SURFACES

Hazardous Decomposition Products: HYDROGEN CHLORIDE, CARBON MONOXIDE, CARBON DIOXIDE, PHOSGENE, CHLORINE, HYDROGEN FLUORIDE MAY BE FORMED.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. AVOID CONTAMINATION OF GROUND AND SURFACE WATER.

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