

TRIBOLUBE 14A

MSDS Number

BNNKX

National Stock Number

9150-01-327-1208

Product Name

TRIBOLUBE 14A

Manufacturer

AEROSPACE LUBRICANTS INC

Product Identification

Product ID:TRIBOLUBE 14A

MSDS Date:02/01/1989

FSC:9150

NIIN:01-327-1208

MSDS Number: BNNKX

Responsible Party

AEROSPACE LUBRICANTS INC.

1505 DELASHMUT AVE

COLUMBUS , OH 43212-2641

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 PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight:

OSHA PELS,200PPM/250STEL

ACGIH TLV: S,200PPM/250STEL; 93

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight:

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

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

CAS: 71-55-6

RTECS: KJ2975000

Fraction By Weight:

OSHA PEL350 PPM/450 STEL

ACGIH TLV: 350 PPM/450STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

METHYLENE CHLORIDE (SARA III)

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight:

OSHA PEL500 PPM/C,1000; Z2

ACGIH TLV: 50 PPM, A2; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

GREASE

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: DROWSINESS, LOSS OF CONCENTRATION, HEAVINESS IN HEAD. CHRONIC: MILD LIVER EFFECTS, PREVENTION OF WEIGHT GAIN. MAY CAUSE LIVER, KIDNEY AND HEART AILMENTS.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:DROWSINESS, LOSS OF CONCENTRATION, HEAVINESS IN HEAD.

Medical Cond Aggravated by Exposure:LIVER, KIDNEY AND HEART AILMENTS

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE MILK OR WATER TO DRINK IF VICTIM IS CONSCIOUS. GET MEDICAL

ATTENTION.

Fire Fighting

Flash Point Method:COC

Flash Point:435F,224C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:PRODUCT IS CONTAINED IN AEROSOL CANS WHICH CAN BURST WHEN HEATED ABOVE 125F. PROLONGED EXPOSURE TO WHITE METALS WILL CAUSE CORROSION.

Accidental Release

Spill Release Procedures:VENTILATE AREAS; USE SELF CONTAINED BREATHING APPARATUS; EVACUATE UNPROTECTED PERSONNEL; REMOVE ANY FLAMES; SHUT OFF LEAK.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN A COOL WELL VENTILATED AREA OF LOW FIRE RISK. AVOID BREATHING VAPORS; USE SELF-CONTAINED BREATHING APPARATUS IF OVER 1,000 PPM TLV.

Other Precautions:USE SAFETY GLASSES

Exposure Controls

Respiratory Protection:USE SELF-CONTAINED BREATHING APPARATUS IF OVER 1,000 PPM TLV.

Ventilation:USE LOCAL EXHAUST AT FILLING AREAS AND MECHANICAL VENTILATION AT STORAGE AREAS

Protective Gloves:PLASTIC DISPOSABLE

Eye Protection:SAFETY GLASSES, GOGGLES OR FACE SHIELD.

Other Protective Equipment:PLASTIC OR FABRIC DISPOSABLE APRON OR COVERALLS RECOMMENDED.

Work Hygienic Practices:DO NOT CONTAMINATE SMOKING MATERIALS OR FOOD WITH PRODUCT.

Supplemental Safety and Health
NONE

Chemical Properties

HCC:V2

Boiling Pt:B.P. Text:118F,48C

Decomp Temp:Decomp Text:>482F,>250C

Vapor Pres:690

Vapor Density:6.5

Spec Gravity:1.5

Solubility in Water:NEGLIGIBLE

Appearance and Odor:TAN LIQUID WITH FAINT ETHEREAL ODOR

Stability

Stability Indicator/Materials to Avoid:YES

HOT REACTIVE METALS SUCH AS MOLTEN ALUMINUM, BARIUM, SODIUM, LITHIUM AND FINELY DIVIDED BARIUM AND LITHIUM.

Stability Condition to Avoid:WILL DECOMPOSE AT TEMPERATURES ABOVE 250C.

Hazardous Decomposition Products:HALOGENS, HALOGEN ACIDS AND CARBONYL HALIDES

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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