

## **AVIATION OIL EE 100**

### **MSDS Number**

BSCSS

### **National Stock Number**

9150-00-111-0211

### **Product Name**

AVIATION OIL EE 100

### **Manufacturer**

EXXON CO USA A DIV OF EXXON CORP

### **Product Identification**

Product ID:AVIATION OIL EE 100

MSDS Date:08/01/1992

FSC:9150

NIIN:00-111-0211

MSDS Number: BSCSS

### **Responsible Party**

EXXON CO USA, A DIV OF EXXON CORP.

800 BELL ST

HOUSTON , TX 77252-2180

US

Emergency Phone: 713-656-3424

Info Phone: 713-656-2443

Cage: 29700

### **Contractor**

EXXON COMPANY U.S.A.

2180

HOUSTON, TX 77252-2180

US

713-656-5949 / 713-656-3424

Cage: 29700

### **Ingredients**

PROPRIETARY ADDITIVES

Fraction By Weight:

PETROLEUM DISTILLATES, HYDROTREATED HEAVY PARAFFINIC. IT

CAS: 64742-54-7

MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY

CAS: 64742-65-0

RTECS: PY8038500

ACGIH TLV: 5 MG/M3 (OIL MIST)

RESIDUAL OILS, HYDROTREATED. INGRED #2 TO 5 >96%.

CAS: 64742-57-0

OSHA PEL5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

SOLVENT,DEWAXED RESIDUAL OIL (PETROLEUM).

CAS: 64742-62-7

## Hazards

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

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

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

Health Hazards Acute and Chronic:ACUTE-EYE:MAY CAUSE IRRITATION.

SKIN:PROLONGED/REPEATED SKIN CONTACT TENDS TO REMOVE SKIN OILS AND CAUSE IRRITATION. INGESTION:LOW ORDER OF TOXICITY, BUT ASPIRATION INTO THE LUNGS MAY CAUSE MILD TO SE VERE PULMONARY DAMAGE. CHRONIC-NOT GIVEN.

Explanation of Carcinogenicity:CONTINUOUS CONTACT WITH USED MOTOR OILS HAS CAUSED SKIN CANCER IN ANIMAL STUDIES.

Effects of Overexposure:IRRITATION, RED EYES, NAUSEA, VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:NONE RECOGNIZED.

## First Aid

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.

GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION:REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.

EYE:I MMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION:GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

## Fire Fighting

Flash Point Method:COC

Flash Point:470F,243C

Autoignition Temp:Autoignition Temp Text:500F

Lower Limits:0.9

Upper Limits:7

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL AND VAPORIZING LIQUID TYPE EXTINGUISHING AGENTS.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

## Accidental Release

Spill Release Procedures:RECOVER FREE PRODUCT BY PUMPING OR ADD INERT ABSORBENTS TO SPILL AREA AND TRANSFER TO DRUMS. KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES BY DIKING OR IMPOUNDING. CALL AUTHORITIES IF PRODUCT HAS ENTERED SEWERS,WATERCOURSES,OR EXTENSIVE LANDAREA

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORAGE-USE PRODUCT WITH CAUTION AROUND SPARKS, PILOT LIGHTS, STATIC ELECTRICITY & OPEN FLAME.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE. DO NOT PRESSURIZE, CUT, WELD OR EXPOSE TO HEAT, FLAME, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY.

## Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED OR WHEN SPRAYING OR USING IN CONFINED SPACES.

Ventilation:GENERAL

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:SPLASH GOGGLES OR FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.CHEMICAL-RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS.DO NOT PRESSURIZE,CUT,WELD,BRAZE,SOLDER,DRILL,GRIND OR EXPOSE SUCH CONTAINERS TO HEAT,FLAME,SPARKS,STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION;THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.DO NOT CLEAN THEM.

## Chemical Properties

HCC:V6

Boiling Pt:B.P. Text:590F,310C

Melt/Freeze Pt:M.P/F.P Text:0F,-18C

Vapor Pres:Vapor Density:>5

Spec Gravity:0.89

pH:NEUTRL

Evaporation Rate & Reference:Solubility in Water:NEGLIGIBLE; < 0.1 %

Appearance and Odor:CLEAR, LIGHT AMBER LIQUID, BLAND PETROLEUM ODOR

Percent Volatiles by Volume:NEGLIG

## Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDANTS SUCH AS LIQUID CHLORINE,CONCENTRATED OXYGEN,SODIUM HYPOCHLORITE OR CALCIUM HYPOCHLORITE

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:FUMES,SMOKE,CARBON MONOXIDE,ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS, IN THE CASE OF INCOMPLETE COMBUSTION.

## Disposal

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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