

X-10 FUEL CONDITIONER CONCENTRATE

MSDS Number

BMBPM

National Stock Number

9150-00N025688

Product Name

X-10 FUEL CONDITIONER CONCENTRATE

Manufacturer

AMREP INC

Product Identification

Product ID:X-10 FUEL CONDITIONER CONCENTRATE

MSDS Date:11/15/1988

FSC:9150

NIIN:00N025688

MSDS Number: BMBPM

Responsible Party

AMREP INC

945E PLEASANT RUN RD

LANCASTER , TX 75146

US

Emergency Phone: 800-424-9300(CHEMTREC)

Info Phone: 214-227-3304

Preparer: K. SMALLWOOD

Cage: AMREP

Contractor

AMREP INC

LANCASTER, TX 75146

US

404-422-2071

Cage: AMREP

Ingredients

SEC-BUTYL ALCOHOL; (ALIPHATIC ALCOHOL)

CAS: 78-92-2

RTECS: EO1750000

Fraction By Weight: >20%

OSHA PEL150 PPM

ACGIH TLV: 100 PPM; 9293

CRESOL

CAS: 1319-77-3

RTECS: GO5950000

Fraction By Weight:

OSHA PEL5 PPM, S

ACGIH TLV: 5 PPM, S

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:INHAL:HEADACHE, NAUSEA, INCOORDINATION, DROWSINESS. EYE:IRRITANT. MAY CAUSE CHEMICAL BURN. SKIN:IRRITANT. MAY CAUSE CHEMICAL BURN. INGEST:NAUSEA, VOMITING, DIARRHEA. MAY GET SOME SYSTEMIC POISONING.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE IDENTIFIED OTHER THAN IRRITANT.

First Aid

First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SEEK MD ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. INHAL:REMOVE TO FRESH AIR. GIVE OXYGEN IF NEEDED. SEEK M D ATTENTION. INGEST:GIVE LARGE AMOUNTS OF WATER. INDUCE VOMITING. SEEK MD ATTENTION.

Fire Fighting

Flash Point Method:TCC

Flash Point:83.0F,28.3C

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER FOG.

Fire Fighting Procedures:DO NOT ENTER FIRE WITHOUT NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:VAPORS MAY TEND TO TRAVEL TOWARD OPEN FLAMES, PILOT LIGHTS. EMPTY CONTAINERS MAY CONTAIN EXPLOSIVE VAPORS WHEN EMPTY.

Accidental Release

Spill Release Procedures:DIKE AND CONTAIN SPILL. ABSORB ON INERT MATERIAL AND SCRAPE UP. REMOVE SOURCES OF IGNITION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP STORED IN CLOSED CONTAINERS. STORE IN COOL AREA. AVOID INHALING OR SKIN CONTACT WITH VAPOR MIST, ETC.

Other Precautions:KEEP AWAY FROM CHILDREN AND IGNITION SOURCES.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED SCBA IN CONFINED AREAS.

Ventilation:USE ADEQUATE VENTILATION TO CONTROL VAPORS BELOW TLV.

Protective Gloves:NEOPRENE OR PLASTIC GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:CHEMICAL RESISTANT APRON IS RECOMMENDED.

Work Hygienic Practices:DO NOT WEAR CONTAMINATED CLOTHING. WASH AFTER HANDLING.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:F4

Boiling Pt:B.P. Text:120F,49C

Vapor Density:4 (AIR =1)

Spec Gravity:0.89

Evaporation Rate & Reference:2 (BU AC = 1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:MAY BE COLORED, USUALLY RED, WITH ALCOHOL ODOR.

Stability

Stability Indicator/Materials to Avoid: YES

CHLORINE, OXYGEN AT HIGH CONCENTRATIONS.

Stability Condition to Avoid: STRONG OXIDIZING ATMOSPHERES.

Hazardous Decomposition Products: CO*X

Disposal

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

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