E-2 AMMONIUM NITRATE

MSDS Number

BBPPX

National Stock Number

8720-00F004153

Product Name

E-2 AMMONIUM NITRATE

Manufacturer

ELDORADO CHEMICAL CO INC

Product Identification

Product ID:E-2 AMMONIUM NITRATE
MSDS Date:03/06/1986
FSC:8720
NIIN:00F004153
MSDS Number: BBPPX

Responsible Party

ELDORADO CHEMICAL CO INC

14350 LOOKOUT RD

SAN ANTONIO , TX 78265-4837

US

Emergency Phone: 800-255-3924/210-653-2060

Info Phone: 210-653-9323/210-653-2060

Cage: 55208

Contractor

ELDORADO CHEMICAL COMPANY, INC.

34837

SAN ANTONIO, TX 78265-4837

US

800-531-1088/ 210-653-2060

Cage: 55208

Ingredients

AMMONIUM NITRATE

CAS: 6484-52-2

RTECS: BR9050000

Fraction By Weight: 100%

Hazards

LD50 LC50 Mixture:ORAL LD50(RAT): 5300 MG/KG
Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN: IRRITATION. EYES: MAY CAUSE IRRITATION W/BLURRING OF VISION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, DISCOMFORT, RASH, BLURRING OF VISION, ABDOMINAL SPASMS, NAUSEA, PAIN

First Aid

First Aid:SKIN: FLUSH W/WATER. EYES: IMMEDIATELY FLUSH W/PLENTY OF

WATER FOR 15 MINS. INGESTION: INDUCE VOMITING IMMEDIATELY BY GIVING 2 GLASSES OF WATER & STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MO UTH IF UNCONSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Extinguishing Media:COPIOUS AMOUNTS OF WATER
Fire Fighting Procedures:WEAR SELF CONTAINED USBM BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:BURNING OF CONFINED E-2 AMMONIUM NITRATE COULD LEAD TO DETONATION. MIXTURES OF THIS COMPOUND & ORGANIC MATTER ARE EXPLOSIVE. (SEE SUPP)

Accidental Release

Spill Release Procedures:SWEEP/SCOOP UP DRY MATERIAL. FLUSH AREA W/COPIOUS QUANTITIES OF WATER. DRY MATERIAL/WATER SOLUTIONS OF AMMONIUM NITRATE CAN BE DISTRIBUTED ON LAND AS FERTILIZER/FLUSHED AWAY W/COPIOUS QUANTITIES OF WA TER.

Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT/SPARKS/FLAME. NO SMOKING. KEEP FROM CONTACT W/CLOTHING/OTHER COMBUSTIBLE MERIALS. DON'T STORE NEAR COMBUSTIBLE MATERIALS.
Other Precautions:HYGROSCOPIC MATERIAL RETAINS MOISTURE UNDER SOME CONDITIONS & TEMPERATURES. RESULTING PUDDLES ARE A SLIPPING PROBLEM.

Exposure Controls

Respiratory Protection:WEAR A NIOSH APPROVED RESPIRATOR W/APPROVED CARTRIDGES WHEN AIRBORNE EXPOSURE LIMITS ARE EXCEEDED.
Ventilation:PROVIDE LOCAL EXHAUST VENTILATION TO CONTROL DUST EXPOSURE LEVELS BELOW AIRBORNE EXPOSURE LIMITS.
Protective Gloves:RUBBER
Eye Protection:CHEMICAL SAFETY GOGGLES
Other Protective Equipment:EYE BATHS
Supplemental Safety and Health

Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:336.2F
Decomp Temp:Decomp Text:410F
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS TO OFF-WHITE PRILLS W/SLIGHT TRACE OF AMMONIA ODOR

Stability

Stability Indicator/Materials to Avoid:NO ORGANIC MATERIALS/EXPLOSIVES
Stability Condition to Avoid:BURNING IN CONFINED AREAS, STORING NEAR OPEN FLAME, HIGH HEAT/TEMP, SPARKS, MOISTURE
Hazardous Decomposition Products:AMMONIA, NITRATE, NITRIC OXIDE, NITROUS

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATONS.

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