

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 MOUTH 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 WATER.

Handling

Handling and Storage Precautions: KEEP AWAY FROM HEAT/SPARKS/FLAME. NO SMOKING. KEEP FROM CONTACT W/CLOTHING/OTHER COMBUSTIBLE MATERIALS. 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 REGULATIONS.

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