

A-PROCESS REPLENISHER

MSDS Number

BBLRN

National Stock Number

6850-00F002770

Product Name

A-PROCESS REPLENISHER

Manufacturer

SOUTHERN CALIFORNIA CHEMICAL CO INC

Product Identification

Product ID:A-PROCESS REPLENISHER

MSDS Date:07/15/1992

FSC:6850

NIIN:00F002770

MSDS Number: BBLRN

Responsible Party

SOUTHERN CALIFORNIA CHEMICAL CO INC

8851 DICE RD

SANTA FE SPRINGS , CA 90670-5000

US

Emergency Phone: 213-698-8036

Info Phone: 213-698-8036

Cage: SCALI

Contractor

SOUTHERN CALIFORNIA ORGANIC FERTILIZER CO INC

4907

EL MONTE, CA 91714-0907

US

213-245-6849

Cage: SCALI

Ingredients

AMMONIUM CHLORIDE *97-2*

CAS: 12125-02-9

RTECS: BP4550000

Fraction By Weight: 22%

OSHA PEL10 MG/CUM

ACGIH TLV: 10 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

AMMONIUM HYDROXIDE, AQUA AMMONIA *97-2*

CAS: 1336-21-6

RTECS: BQ9625000

Fraction By Weight: 24%

ACGIH TLV: 25 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

AMMONIA, AMMONIUM HYDROXIDE-ANHYDROUS, ANHYDROUS AMMONIA

CAS: 7664-41-7

RTECS: BO0875000

OSHA PEL35 MG/CUM

ACGIH TLV: 17 MG/CUM

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

Hazards

LD50 LC50 Mixture:ORAL LD50(RAT): 350 MG/KG (SEE SUPP)

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

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

Health Hazards Acute and Chronic:INGESTION: IRRITATION/BURNING OF DIGESTIVE TRACT. INHALATION: IRRITATING TO MUCOUS MEMBRANE & UPPER RESPIRATORY TRACT. SKIN: IRRITATION. EYES: IRRITATION & DAMAGE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, BURNING, NAUSEA, VOMITING, ABDOMINAL PAIN, DIARRHEA, COUGHING, SORE THROAT, SHORTNESS OF BREATH, BLURRED/IMPAIRED VISION, DISCOLORATION.

Medical Cond Aggravated by Exposure:PRE-EXISTING DISEASES OF THE EYES, SKIN, LUNGS.

First Aid

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: WASH THOROUGHLY W/WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DON'T INDUCE VOMITING. GIVE PLENTY OF WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Lower Limits:15.5-16

Upper Limits:25-27

Extinguishing Media:ANY SUITABLE MEANS TO EXTINGUISH SURROUNDING FIRE.

Fire Fighting Procedures:COOL DRUMS W/WATER SPRAY. USE SPECIAL BREATHING EQUIPMENT & PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION RELEASES OXIDES OF CARBON, TOXIC AMMONIA FUMES & OXIDES OF NITROGEN.

Accidental Release

Spill Release Procedures:VENTILATE AREA. REMOVE ALL SOURCES OF HEAT/IGNITION. VACUUM UP SPILLED MATERIAL. PACKAGE FOR RECLAMATION/RECOVERY. NEUTRALIZE UNSAVED MATERIAL W/DILUTE ACID & SENT TO AN APPROVED CHEMICAL WASTE LANDFI LL.

Neutralizing Agent:DILUTE ACID

Handling

Handling and Storage Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER. STORE IN A COOL, DRY, WELL VENTILATED AREA & AWAY FROM DIRECT SUNLIGHT. PROTECT FROM FREEZING & PHYSICAL DAMAGE.

Other Precautions:AVOID CONTACT W/SKIN, EYES & CLOTHING & BREATHING DUST/MIST. USE W/ADEQUATE VENTILATION. DON'T WEAR CONTACT LENSES WHEN WORKING W/MATERIAL. CORROSIVE MATERIAL, DON'T INHALE FUMES.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR IF EXPOSURE

EXCEEDS THE LIMITS. A DUST/MIST RESPIRATOR MAY BE WORN IN AREAS WHERE TLV IS EXCEEDED UP TO TEN TIMES/A SUPPLIED AIR FULL FACEPIECE RESPIRATOR.

Ventilation:LOCAL EXHAUST: RECOMMENDED TO KEEP BELOW TLV.

Protective Gloves:RUBBER/PLASTIC IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES/FACE SHIELD

Other Protective Equipment:BODY COVERING CLOTHING, EYE WASH FOUNTAIN & QUICK DRENCH FACILITIES.

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER USING.

Supplemental Safety and Health

THE ORAL LD50 INFORMATION IS FOR AMMONIUM HYDROXIDE.

Chemical Properties

Boiling Pt:B.P. Text:>212F

Melt/Freeze Pt:M.P/F.P Text:Vapor Pres:20

Vapor Density:Spec Gravity:1.032

pH:9-10

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS TO PALE BLUE LIQUID W/STRONG AMMONIA ODOR

Stability

Stability Indicator/Materials to Avoid:YES

ACIDS, METALS, INCOMPATIBLE MATERIALS.

Stability Condition to Avoid:DIRECT SUNLIGHT, HEAT, FREEZING

Hazardous Decomposition Products:THERMAL: OXIDES/CARBON, TOXIC AMMONIA FUMES & OXIDES OF NITROGEN.

Disposal

Waste Disposal Methods:DISPOSE OF IN AN APPROVED CHEMICAL WASTE LANDFILL IAW/FEDERAL, STATE & LOCAL REGULATIONS. IF APPROVED, MAY BE SENT TO WASTEWATER TREATMENT FACILITY. CORROSIVE LIQUID UN1760.

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