

ANHYDROUS AMMONIA BULK

MSDS Number

BJCNM

National Stock Number

6830-00F012454

Product Name

ANHYDROUS AMMONIA BULK

Manufacturer

ASHLAND CHEMICAL COMPANY

Product Identification

Product ID:ANHYDROUS AMMONIA BULK

MSDS Date:05/31/1989

FSC:6830

NIIN:00F012454

MSDS Number: BJCNM

Responsible Party

ASHLAND CHEMICAL COMPANY

COLUMBUS , OH 43216

Emergency Phone: (606) 324-1133

Info Phone: (606) 324-1133

Cage: 5A188

Contractor

ASHLAND CHEMICAL CO

DUBLIN, OH 43017

US

614-889-4505

Cage: 5A188

Ingredients

AMMONIA (SARA III)

CAS: 7664-41-7

RTECS: BO0875000

Fraction By Weight: 100%

OSHA PEL50 PPM

ACGIH TLV: 25 PPM/35 STEL; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

Hazards

LD50 LC50 Mixture:N/L

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:EYES: SEVERE DAMAGE. SKIN: IRRITATION, DERMATITIS, BURNS, & FROSTBITE. INHALATION: DAMAGE TO NASAL & RESPIRATORY PASSAGES. INGESTION: SEVERE DAMAGE TO MUCOUS MEMBRANES.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: SEVERE DAMAGE. SKIN: IRRITATION, DERMATITIS, BURNS, & FROSTBITE. INHALATION: DAMAGE TO NASAL & RESPIRATORY PASSAGES. INGESTION: SEVERE DAMAGE TO MUCOUS MEMBRANES.

First Aid

First Aid:EYES: FLUSH W/LARGE AMOUNTS OF WATER FOR 15 MIN. LIFTING UPPER/LOWER LIDS. GET MED ATTN. SKIN FLUSH AREA W/WATER 15 MIN., GET MED ATTN. REMOVE CONTAMINATED CLOTHING. INGESTION: DON'T USE CHEMICAL ANTI DOTE. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. GIVE ARTIFICIAL RESPIRATION, KEEP PERSON WARM, QUIET & GET MED ATTN IF BREATHING STOPS.

Fire Fighting

Flash Point:NON-FAMMABLE
Lower Limits:16.0%
Upper Limits:25.0%
Extinguishing Media:WATER FOG
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:WATER MAY BE USED TO KEEP FIRE-EXPOSED CONTAINER COOL UNTIL FIRE IS OUT. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM. PRODUCT CAN IGNITE EXPLOSIVELY.

Accidental Release

Spill Release Procedures:ALLOW TO AVAPORATE. VENTILATE AREA. EVACUATE AREA. LARGE SPILL: PERSONS INVOLVED IN THE CONTROL & REPAIR OF THE LEAK SHOULD HAVE NECESSARY EQUIPMENT & PROPER TRAINING.

Handling

Handling and Storage Precautions:CONTAINERS OF THIS MATERIALS MAY BE HAZARDOUS WHEN EMPTIED, SINCE CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, &/OR SOLID).
Other Precautions:LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Exposure Controls

Respiratory Protection:PRODUCT >TLV IS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EX POSURE.
Ventilation:PROVIDE SUFFICIENT MECHANICAL/LOCAL EXHAUST VENTILTATION TO KEEP Protective Gloves:NEOPRENE
Eye Protection:GOGGLES,FACE SHIELD, SAFETY GLASSES.
Other Protective Equipment:WEAR IMPERVIOUS CLOTHING & BOOTS.
Work Hygienic Practices:LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
NK

Chemical Properties

Boiling Pt:B.P. Text:-28.00F
Vapor Pres:7600
Vapor Density:0.6
Spec Gravity:0.771
Evaporation Rate & Reference:(METHANOL = 1): 80.00
Appearance and Odor:GAS
Percent Volatiles by Volume:100%

Stability

Stability Indicator/Materials to Avoid:YES
COPPER, METALLIC MERCURY, STRONG MINERAL ACIDS.
Hazardous Decomposition Products:TOXIC MATERIALS, NITROGEN COMPOUNDS.

Disposal

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

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