

ALLIED CHEMICAL CORP -- ANHYDROUS AMMONIA -- 6830-00-664-9062

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Product Identification
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Product ID:ANHYDROUS AMMONIA

MSDS Date:01/01/1985

FSC:6830

NIIN:00-664-9062

MSDS Number: BFKVB

=== Responsible Party ===

Company Name:ALLIED CHEMICAL CORP

Address:COLUMBIA RD & PARK AVE

Box:1087R

City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

Emergency Phone Num:NONE KNOWN

CAGE:1L168

=== Contractor Ide

ntification ===

Company Name:ALLIED CHEMICAL COMPANY

Box:1087R

CAGE:1L168

Company Name:ALLIED-SIGNAL INC

Address:Box:2332R

City:MORRISTOWN

State:NJ

ZIP:07962-2332

Country:US

Phone:201-455-4414

CAGE:1L164

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Composition/Information on Ingredients
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Ingred Name:AMMONIA (SARA III)

CAS:7664-41-7

RTECS #:BO0875000

Fraction by Wt: 100%

OSHA PEL:50 PPM

ACGIH TLV:25 PPM/35 STEL; 9293

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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Hazards Identification
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Effects of Overexposure:HIGH IRRITANT TO SKIN,EYES,THROAT.INHALATION CAUSES EDEMA,SPASM AND ASPHYXIA.

===== First Aid Measures =====

First Aid:FLOOD BODY AREA,EYES W H₂O 15 MIN.REMOVE TO FRESH AIR.IF EXPOSURE SEVERE:CALL A PHYSICIAN;KEEP PATIENT WARM & QUIET.ARTIFICIAL RESPIRATION OF 100 OXYGEN MAY BE REQUIRED.

===== Fire Fighting Measures =====

Flash Point:N/A(GAS)

Lower Limits:16

Upper Lim

its:27

Extinguishing Media:STOP FLOW OF GAS.

Fire Fighting Procedures:USE H₂O TO COOL EXPOSED CONT,PROTECT MEN.WEAR PROTECT CLOTHING

Unusual Fire/Explosion Hazard:IGNITION TEMP OF GAS 1204F/651C.

===== Accidental Release Measures =====

Spill Release Procedures:FOR LIQ SPILL(TANK/CYL FAILURE):EVACUATE AREA,WAIT FOR EVAP.GAS LEAK:EVACUATE,SEND PERSON IN FULL PROTECTIVE CLOTHES TO CLOSE VALVE.KEEP IGNITION SOURCES AWAY.

===== Handling and Storage =====

Handling and Storage Precautions:OUTSIDE STORAGE PREFERRED, OTHERWISE IN COOL,WELL VENTILATED,NON-COMBUSTIBLE LOCATION.AVOID IGNITION SOURCES.ELECTRICAL INSTALLATIONS MUST BE SPECIAL.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH APPROD SELF-CONTND BRTHG APP IN SPILLAGE/LEAKAGE CASES.

Ventilation:LOCAL:NATURAL VENTILATION.MECH IF NATURAL INADEQUATE.

Protective Gloves:RUBBER

Eye Protection:CHEM GOGGLES/FA

CE SHIELD

Other Protective Equipment:RUBBER BOOTS,FULL PROTECTIVE CLOTHING,SAFETY HARNESS.

Supplemental Safety and Health

SPECIFICATION O-A-445 REQUIRES ITEM TO BE 99.98% PURE.STORAGE:ALTHOUGH NH*3 DOES NOT MEET REQUIREMENT FOR POISON A(PER 49CFR173.331),ITEM MOVED TO G3 BECAUSE OF TOXIC NATURE OF NH*3 GAS.

===== Physical/Chemical Properties =====

HCC:G6

Boiling Pt:B.P. Text:-28F/-33.4C

Vapor Pres:114

Vapor Density:0.60

Spec Gravity:0.62

Evaporation Rate

& Reference: