

ASHLAND CHEMICAL COMPANY -- AMMONIUM HYDROXIDE REAG ACS/ELECTRONIC --
6810-00-222-9643

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===== Product Identification =====

Product ID:AMMONIUM HYDROXIDE REAG ACS/ELECTRONIC

MSDS Date:01/01/1987

FSC:6810

NIIN:00-222-9643

MSDS Number: BJSDV

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL COMPANY

Box:2219

City:COLUMBUS

State:OH

ZIP:43216-2219

Country:US

Info Phone Num:614-790-3333

Emergency P

hone Num:800-ASH-LAND

Preparer's Name:DGSC-SSH

CAGE:34897

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Box:2219

City:COLUMBUS

State:OH

ZIP:43216-2219

Country:US

Phone:614-790-3333/800-274-5263

CAGE:34897

Company Name:SANCHEZ & ASSOCIATES

Address:476 WEST FOGG STREET

Box:1649

City:COLTON (MAY BE OUT OF BUSINESS !)

State:CA

ZIP:92324

Country:US

Phone:714-370-3921/FAX824-0341 ALL WRONG#

CAGE:0HF19

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===== Composition/Information on Ingredients =====

Ingred N

ame:AMMONIA (SARA III)
CAS:7664-41-7
RTECS #:BO0875000
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:EYES: SEV DAMAGE VERY RAPIDLY, BLINDNESS. SKIN:
BURNS, DEEP ULCER. INH: DAMAGE RESP PASSAGE. (SUP DATA)

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First Aid Measures
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First Aid:SKIN: IMMEDIATELY FLUSH WITH WATER FOR 15 MIN. GET MEDICAL ATTENTION.
REMOVE CONTAMINATED CLOTHING.
WASH LAUNDRY BEFORE REUSE. EYES: IMMEDIATELY FLUSH WITH WATER 15 MIN INCLUDING UNDER LIDS. GET IMMEDIATE MEDICAL ATTENTION. INGESTION:
DO NOT INDUCE VOMITING. DILUTE WITH WATER, GIVE MILK OF MAGNESIA. (SUP DATA)

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Fire Fighting Measures
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Extinguishing Media:WATER FOG
Fire Fighting Procedures:SCBA WITH FULL FACEPIECE, POSITIVE PRESSURE MODE; FULL
PROTECTIVE CLOTHING

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Accidental Release Measures
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Spill Release Procedures:SMALL SPILL: ALLOW TO EVAPORATE. VENTILATE
AREA. LARGE SPILL: NON-ESSENTIAL EMPLOYEES SHOULD BE EVACUATED FROM
THE EXPOSURE AREA. SPILL RESPONSE PERSONNEL SHOULD HAVE ALL NECESSARY
PROTECTIVE EQUIPMENT & BE PROPERLY TRAINED IN HANDLING THIS MATERIAL.

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Handling and Storage
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Handling and Storage Precautions:EMPTY CONTAINERS MAY BE HAZARDOUS DUE
TO PRODUCT RESIDUES (VAPOR, LIQUID &/OR SOLID). ALL HAZARD PRECAUTIONS
GIVEN IN THE DATA SHEET MUST BE OBSERVED.

Other Precautions:WASTE

E DISPOSAL: MFR RECM THE FOLLOWING NEUTRALIZING AGENTS 3M-HYDROCHLORIC ACID OR 6M-AMMONIUM HYDROXIDE AS REQUIRED. CONSULT APPROPRIATE DISPOSAL PERSONNEL.

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

Respiratory Protection:NIOSH/MSHA APPRVD RESP IF CONDITIONS REQ.
CONSULT SAFETY MGR/I.H.

Ventilation:SUFFICIENT MECH (GEN &/OR LOC EXHST) TO MAINTAIN BELOW TLV

Protective Gloves:NEOPRENE

Eye Protection:SEE OTHER PROT EQUIP SECT

Other Protective Equipment:CHEM SPLA

SH GOGG W/FACE SHLD 8IN MIN; IMPERV

CLOTHING,BOOTS

Supplemental Safety and Health

EFFECTS OF OVEREXPOS: INGEST: SEV DAMAGE TO MUC MEMB & DEEP TISSUES;POSS DEATH. FIRST AID: INGEST: GET MED ATTN. INH:REMOVE TO FRESH AIR. AS NEC GIVE O*2 OR ARTIF RESP. KEEP WARM/QUIET;SEE MD.NOTE: MS DS COPIED FROM ANOTHER ASHLAND AMMONIUMHYDROXIDE NSN AND DIST. ADDED.

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

HCC:B1

Boiling Pt:=27.8C, 82.F

B.P. Text:82F/27.77C

Vapo

r Pres:570

Vapor Density:0.6

Spec Gravity:0.899

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG MINERAL ACIDS, COPPER, METALLIC MERCURY

Hazardous Decomposition Products:MAY FORM TOXIC MATERIALS: AMMONIA

===== Disposal Considerations =====

Waste Disposal Methods:ALL DISPOSAL METHODS MUST BE IAW FEDERAL, STATE

& LOCA REGULATIONS. SM SPILL: FLUSH DOWN DRAIN W/LG AMT OF WATER IF IN ACCORD W/REGS.LG SPILL: ADD SLOWLY TO A LG CONTAINER OF COLD WATER W/AGITATION. W HEN ALL IS REACTED,NEUTRALIZE. (SEE OTHER PREC)

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