

MCKESSON CHEM CO (DIST: AMERICAN DEVEL-FSCM 3J729) -- AQUA AMMONIA --  
6810-00-817-9929

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

Product ID:AQUA AMMONIA  
MSDS Date:01/01/1987  
FSC:6810  
NIIN:00-817-9929  
MSDS Number: BFQSL  
=== Responsible Party ===  
Company Name:MCKESSON CHEM CO (DIST: AMERICAN DEVEL-FSCM 3J729)  
Address:33950 7TH STREET  
City:UNION CITY  
State:CA  
ZIP:94587-3522  
Country:US  
Emergency Phone Num  
:NONE  
CAGE:98092  
=== Contractor Identification ===  
Company Name:MCKESSON CHEM CO MCKESSON CHEMICAL CO DIVISION  
Address:33950 7TH STREET  
Box:City:UNION CITY  
State:CA  
ZIP:94587-3522  
Country:US  
CAGE:98092

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

Ingred Name:AMMONIA (SARA III)  
CAS:7664-41-7  
RTECS #:BO0875000  
Fraction by Wt: 28.5%  
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:INHAL-CORROS TO MUCOUS MEMBRN. EYES & SKIN-VERY  
CORROS. INGEST-VERY CORROS. LGD AMTS VAP OR LIQ-FATL

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First Aid Measures

First Aid:INHAL-GET TO FRESH AIR. GET MD ATTN. EYES/SKIN-FLUSH WITH  
WATER 30 MIN, GET MED ATTN. WASH CONTAM CLOTH. INGEST-DO NOT INDUCE  
VOMIT, IF CONSC, GIVE LOTS OF WATER. GET IMMED MED ATTN.

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Fire Fighting Measures

Flash Point

:NONE

Lower Limits:16

Upper Limits:25

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures:USE SLF-CONT BREATH APPAR. USE WATER TO COOL  
NEAR STRUC/CONT

Unusual Fire/Explosion Hazard:FLAM AMMONIA GAS WILL BE LIBERATED AT ALL  
TEMPS WHICH CAN BE EXPLOSIVE UNDER SOME SITUATIONS.

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Accidental Release Measures

Spill Release Procedures:WEAR ALKALI-RESIST SLICKER SUIT & COMPL  
PROTECT EQUIP, INCL RUBBER GLOVES/BOOTS. SM

L-WIPE UP & PLACE IN

DOT-APPRD WASTE CONT. LGE-DIKE W/SOIL/OTHER ABSORB MATL & NEUT  
W/DILUTE HCL. KEP NON-NEUT MATL OUT OF SEWERS, STORM DRAINS,  
SURFACE WATERS & SOIL.

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Handling and Storage

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. VENT CONT  
FREQ. KEEP CONTR CLOSED WHEN NOT IN USE. WASH THOROUGHLY AFTER  
HANDLING. DO NOT GET IN EYES, ON SKIN OR CLOTHING

Other Precautions:ALWAYS OBEY HAZARD WARNINGS AND HANDLE  
EMPTY

CONAINERS AS IF FULL.

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Exposure Controls/Personal Protection

Respiratory Protection:NIOSH-APPRD CANNITER RESPIR IF INADEQ ENVIRON  
CONTROLS AT PLACE USED

Protective Gloves:RUBBER W/GAUNTS

Eye Protection:CHEM GOGGLES/FACE SHIELD

Other Protective Equipment:IF NC-ALKALI RESIST SLICKER SUIT;BOOTS.  
EYEWASH,SAFETY SHOW.

Supplemental Safety and Health

MSDS DATED 11/1/85. O-A-451, TYPE I.

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Physical/Chemical Properties

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HCC:B1

Boiling Pt:=27.8C, 82.F

Vapor Pres:560

Vapor Density:0.60

Spec Gravity:0.90

Evaporation Rate & Reference:>1 (BUTYL ACET =1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, WATER-WHITE LIQ;STRONG PUNGENT AMMONIA ODOR

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

Stability Indicator/Materials to Avoid:YES

ACIDS, OXIDIZING MATLS

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:AMMONIA GAS

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

Waste Disposal Methods:IN A MANNER APPRD FOR THIS MTERIAL. CONSULT LOCAL, STATE AND FEDERAL REG AGENCIES FOR PEOPER PROCEDURES. NOTE:EMPTY CONTRS CAN HAVE RESIDUES, GASES AND MISTS AND ARE SUBJ TO PROPER WASTE DISPOSAL, AS ABOVE.

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