

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

===== 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:NO  
NE  
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

===== 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

===== 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

===== 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.

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

Flash Point:NO

NE

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.

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

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

IPE 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.

===== 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 EMP TY

CONAINERS AS IF FULL.

===== 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.

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

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

===== Dispos  
al 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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