

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 =====

=====

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 O UT 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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expr

essly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.