

MCKESSON CHEMICAL CO. -- AQUA AMMONIA, PRODUCT CODE:T1044 -- 6810-00-222-9643

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Product Identification
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Product ID:AQUA AMMONIA, PRODUCT CODE:T1044

MSDS Date:01/01/1987

FSC:6810

NIIN:00-222-9643

MSDS Number: BDKCJ

=== Responsible Party ===

Company Name:MCKESSON CHEMICAL CO.

Address:1 POST STREET

City:SAN FRANCISCO

State:CA

ZIP:94104-5201

Country:US

Emergency Phone Num:NONE

CAGE:5J040

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Contractor Identification ===

Company Name:MCKESSON CHEMICAL

Address:33950 7TH ST

City:UNION CITY

State:CA

ZIP:94587-3522

Country:US

CAGE:5J040

Company Name:MCKESSON CORP PHARMACY DESIGN DEPT

Address:1 POST STREET

Box:City:SAN FRANCISCO

State:CA

ZIP:94104-5201

Country:US

CAGE:4S826

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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: 29.0%

OSHA PEL:50 PPM

ACGIH TLV:25 PPM/35 STEL; 9293

EPA Rpt Qty:

100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:WATER; CAS #7732-18-5 WT % RANGE AS BALANCE:70-72%
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 71.0%

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Hazards Identification
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Effects of Overexposure:INHAL:CORR TO NOSE,THROAT,MUC
MEMB;EYES:CORR.DAMAGES EYES;SKIN:SEV IRRIT/BURNS;INGEST:BURNS
TISSUE

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First Aid Measures
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First Aid:SKIN:WASH W.SOAP & H*2O. EYES:FLUSH W. H*2O. INGESTED:DON'T
INDUCE
VOMITING. INHALED:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF
NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. NEVER GIVE
ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

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Fire Fighting Measures
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Flash Point:NONE
Extinguishing Media:WATER SPRAY,DRY CHEMICAL, OR CO*2
Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H*20 SPRAY TO COOL
CONTR.
Unusual Fire/Explosion Hazard:FLAMMABLE AMMONIA GAS WILL BE LIBERATED
AT ALL TEMPERATURES WHICH CAN
BE EXPLOSIVE UNDER SOME COND.

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Accidental Release Measures
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Spill Release Procedures:WEAR ALKALI-RESISTANT SUIT & COMPLETE PROTCTV
EQUIPMENTS;SM SPILL:MOP OR WIPE UP AND PLACE IN DOT APPROVED DRUMS
PENDING DISPOSAL;LG SPILL:CONTAIN BY DIKING W/SOIL OR OTHER
ABSORBENTS & NEUTRALIZE W/D IL HYDROCHLORIC ACID.DO NOT FLUSH TO
DRAIN/SEWER.

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Handling and Storage
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Handling and Storage Precautions:STORE

IN COOL, DRY, WELL VENTILATED, LOW
FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS
CLOSED. MAINTAIN STRICT HYGIENE FOR CHEM HANDLING.
Other Precautions: DO NOT CUT, GRIND, WELD OR DRILL ON/NEAR
CONTAINER. CONTAINER WILL RETAIN PRODUCT RESIDUE & VAPORS AFTER
EMPTYING. DO NOT USE PRESSURE TO EMPTY CONTNR. DO NOT GET ON
SKIN/EYES. WASH AFTER HANDLING.

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

Respiratory Protection: NIOSH-APPROVED CANISTER RESPIRATOR
OR OF ADEQUATE
ENVIRONMENTAL CONTROL

Ventilation: LOCAL MECHANICAL EXHAUST VENTILATION, TO KEEP BELOW PEL.

Protective Gloves: RUBBER

Eye Protection: GOGGLES/FACE SHIELD

Other Protective Equipment: FULL PROTECTIVE CLOTHING, STEEL-TOED
SHOES, WORK GLOVES

Supplemental Safety and Health

MSDS FM MFR DTD: 11/1/85

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

HCC: B1

Boiling Pt: B.P. Text: 82F

Vapor Pres: 560

Vapor Density: 0.60

Spec Gravity: 0.90

Evaporation Rate & Reference: >1 (B

U-ACETATE=1)

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR, COLORLESS LIQUID. STRONG PUNGENT AMMONIA ODOR

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES

OXIDIZING MATL

Stability Condition to Avoid: HEAT, SPARKS/OPEN FLAMES

Hazardous Decomposition Products: AMMONIA GAS. OXIDES OF NITROGEN WHEN
THERMALLY DECOMPOSED.

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

Waste Dis

posal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE &
DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE
INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

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