

JOHNSON & JOHNSON HEALTH CARE -- AMOPLY AMMONIA INHALANTS

MSDS Safety Information

FSC: 6505  
MSDS Date: 10/23/1991  
MSDS Num: BLWXJ  
LIIN: 00N022512  
Product ID: AMOPLY AMMONIA INHALANTS  
MFN: 01  
Responsible Party  
Cage: 79717  
Name: JOHNSON & JOHNSON HEALTH CARE CO  
Address: 501 GEORGE ST  
City: NEW BRUNSWICK NJ 08903  
Info Phone Number: 800-526-3967  
Emergency Phone Number: 800-526-3967  
Published: Y

Contractor Summary

Cage: 79717  
Name: JOHNSON & JOHNSON HOSPITAL SERVICES INC.  
Address: 501 GEORGE STREET  
Box: 4000  
City: NEW BRUNSWICK NJ 08903  
Phone: 800-255-2500

Ingredients

Cas: 1336-21-6  
RTECS #: BQ9625000  
Name: AMMONIUM HYDROXIDE  
% Wt: 15  
OSHA PEL: 50 PPM  
ACGIH TLV: 25 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

Cas: 64-17-5  
RTECS #: KQ6300000  
Name: ETHYL ALCOHOL (ETHANOL)  
% Wt: 35  
OSHA PEL: 1000 PPM  
ACGIH TLV: 1000 PPM

Cas: 506-87-6  
RTECS #: BP1925000  
Name: AMMONIUM CARBONATE  
% Wt: 4  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

Cas: 7732-18-5  
RTECS #: ZC0110000  
Name: WATER  
% Wt: 46

Health Hazards Data

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYES:AMMONIA GAS IS IRRIT TO EYES AT LOW CONC. EYE CNTCT W/THE SOLUTION MAY CAUSE CORNEAL EDEMA, SEVERE DAMAGE, & LOSS OF VISION. SDA ALCOHOL CAN CAUSE EYE IRRIT. SKIN: AMMONIA GAS IS IRRITATING TO TH E SKIN AT LOW CONC. SKIN CONTACT WITH THE SOLUTION CAN CAUSE BURNS AND IS CORROSIVE. INHAL AMMONIA (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT

Signs And Symptions Of Overexposure: HLTH HAZ: GAS IS IRRIT TO THE RESP SYS AT LOW CONC. EXCESS EXPOS MAY LEAD TO HDCH/COUGHING/LUNG CONGESTION/PULM EDEMA. SDA ALCOHOL CAN IRRIT MUC MEMB, DROWSINESS, STUPOR, & IS A CNS DEPRESSANT. INGEST : INGEST MAY CAUSE EFFECTS SIMILAR TO OTHER CORROSIVE ALKALIES & CAUSE DAMAGE TO THROAT/ESOPHAGUGS/DIGEST SYSTEM.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES:IMMED FLUSH W/CLEAN H\*2O FOR @ LST 15 MIN. MAKE SURE TO FLUSH UNDER LIDS. SEEK PROMPT MED ATTN. SKIN:IMMED FLUSH W/CLEAN H\*2O FOR @ LST 15 MIN. REMOVE CONTAM CLTHG/SHOES. SEEK PROMPT MED ATTN. IN HAL:REMOVE TO FRESH AIR. SEEK PROMPT MED ATTN. INGEST:DO NOT INDUCE VOMIT. IF SWALLOWED, GIVE H\*2O/WEAK ACIDS SUCH AS LEMON/ORANGE JUICE/DILUTED VINEGAR. CONT POIS CTL CTR. SEEK PROMP MED ATTN.

#### Handling and Disposal

Spill Release Procedures: IN AREAS WHERE LARGE QUANTITIES OF PROD ARE STORED, IF PROD IS DAMAGED AMMONIA GAS WILL BE RELEASED. EVAC AREA. PROVIDE VENT. TO PROT CLEAN-UP CREW FROM INHAL & SKIN CNTCT W/AMMONIA GAS, WEAR NIOSH/MS HA APPRVOD SCBA & PROT CLOTHING.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. THE CRUSHED AMOPLY AMMONIA INHALANTS MAY BE DISPOSED OF IN ORDINARY LANDFILL.

Handling And Storage Precautions: AVOID TEMPERATURE EXTREMES.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

#### Fire and Explosion Hazard Information

Flash Point Method: CC

Flash Point Text: <64F,<18C

Lower Limits: 3.3%

Upper Limits: 19 %

Extinguishing Media: DRY CHEMICAL, CO\*2, ALCOHOL FOAM.

Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard: WHEN HEATED WITH MATERIAL WILL EMIT AMMONIA GAS.

#### Control Measures

Respiratory Protection: NONE REQUIRED UNDER NORMAL PROD USE. IF LRG QTYS OF AMOPLY AMMONIA INHALANTS ARE DAMAGED, AMMONIA GAS WILL BE RELEASED. FOR AMMONIA CONC < 300 PPM, A NIOSH/MSHA APPRVOD FULL FACEPIECE CHEM CARTRIDGE RE SP W/AMMONIA CARTRIDGE RESP IS REQUIRED.

Ventilation: NORMAL DILUTION VENTILATION IS SUFFICIENT FOR NORMAL PRODUCT USE.

Protective Gloves: RUBBER OR NEOPRENE GLOVES

Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health: APPEARANCE AND ODOR. CONTAINING CONCENTRATED AMMONIA SOLUTION COVERED WITH FILTER PAPER. THE INHALANT WHEN BROKEN RELEASES A SOLUTION HAVING AN AROMATIC AND PUNGENT ODOR OF AMMONIA WHICH IMMEDIATELY COLORES THE FILTER PAPER PINK FROM RUBINEDYE.

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Physical/Chemical Properties  
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Appearance and Odor: AMOPLY AMMONIA INHALANTS CONSISTS OF A 0.33 ML GLASS AMPULE (SUPP DATA)

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: HEAT, SPARKS, FLAME.

Materials To Avoid: AMMONIUM HYDROXIDE IS INCOMPATIBLE WITH ACIDS, COPPER, TIN, ZINC, ALUMINUM, PROPYLENE OXIDE, AND HALOGENS.

Hazardous Decomposition Products: WHEN HEATED WITH MATERIAL WILL EMIT AMMONIA GAS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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Transportation Information  
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Responsible Party Code: 79717

Trans ID NO: 27162

Product ID: AMOPLY AMMONIA INHALANTS

MSDS Prepared Date: 10/23/1991

Review Date: 02/26/1992

MFN: 1

Multiple KIT Number: 0

Review IND: Y

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Detail DOT Information  
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DOT PSN Code: FTO

DOT Proper Shipping Name: ETHANOL OR ETHYL ALCOHOL OR ETHANOL SOLUTIONS OR ETHYL ALCOHOL SOLUTIONS

Hazard Class: 3

UN ID Num: UN1170

DOT Packaging Group: III

Label: FLAMMABLE LIQUID

Special Provision: 24, B1, T1

Packaging Exception: 150

Non Bulk Pack: 203

Bulk Pack: 242  
Max Qty Pass: 60 L  
Max Qty Cargo: 220 L  
Vessel Stow Req: A

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Detail IMO Information

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IMO PSN Code: GPL  
IMO Proper Shipping Name: ETHYL ALCOHOL  
IMDG Page Number: 3219  
UN Number: 1170  
UN Hazard Class: 3.2  
IMO Packaging Group: II  
Subsidiary Risk Label: -  
EMS Number: 3-06  
MED First Aid Guide NUM: 305

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Detail IATA Information

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IATA PSN Code: KXV  
IATA UN ID Num: 1170  
IATA Proper Shipping Name: ETHANOL  
IATA UN Class: 3  
IATA Label: FLAMMABLE LIQUID  
UN Packing Group: III  
Packing Note Passenger: 309  
Max Quant Pass: 60L  
Max Quant Cargo: 220L  
Packaging Note Cargo: 310

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Detail AFI Information

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AFI PSN Code: KXV  
AFI Proper Shipping Name: ETHANOL OR ETHANOL SOLUTIONS OR ETHYL ALCOHOL OR ETHYL ALCOHOL SOLUTIONS  
AFI Hazard Class: 3  
AFI UN ID NUM: UN1170  
AFI Packing Group: III  
Special Provisions: P5  
Back Pack Reference: A7.3

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HAZCOM Label

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Product ID: AMOPLY AMMONIA INHALANTS  
Cage: 79717  
Company Name: JOHNSON & JOHNSON HOSPITAL SERVICES INC.  
Street: 501 GEORGE STREET  
PO Box: 4000  
City: NEW BRUNSWICK NJ  
Zipcode: 08903  
Health Emergency Phone: 800-526-3967  
Label Required IND: Y  
Date Of Label Review: 12/10/1991  
Status Code: C  
Label Date: 12/10/1991  
Origination Code: G  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES

Health Hazard: Severe  
Contact Hazard: Severe  
Fire Hazard: Severe  
Reactivity Hazard: None

Hazard And Precautions: AVOID TEMP EXTREMES.HIGHLY FLAMMMABLE MATERIAL. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. ACUTE: CAN CAUSE SKIN BURNS, CORNEAL EDEMA, LOSS OF VISION, PULMONARY EDEMA AND DAMAGE TO GI TRACT AT HIGH C ONC. IS IRRITATING TO EYES, SKIN AND RESPIRATORY TRACT AT LOW CONC. CHRONIC: NONE LISTED BY MANUFACTURER.

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