

CHEMTRONICS INC -- COMPONENT 4 OF DECON I -- 4230-01-101-3984

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

Product ID:COMPONENT 4 OF DECON I

MSDS Date:01/01/1987

FSC:4230

NIIN:01-101-3984

MSDS Number: BJHVV

=== Responsible Party ===

Company Name:CHEMTRONICS INC

Address:180 OLD BEE TREE RD

City:SWANNANOVA

State:NC

ZIP:28778-3409

Country:US

Info Phone Num:MAY WRITE TO MR. MOORE

Emergency Phone Num:NOT LISTED I

N PHONE DIRECTORY

CAGE:60737

=== Contractor Identification ===

Company Name:CHEMTRONICS INC

Address:180 OLD BEE TREE RD

Box:City:SWANNANOVA

State:NC

ZIP:28778-3409

Country:US

Phone:NOT LISTED IN PHONE DIRECTORY

CAGE:60737

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

Ingred Name:AMMONIA (SARA III)

CAS:7664-41-7

RTECS #:BO0875000

Fraction by Wt: 0.2%

Other REC Limits:25 PPM

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 =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: CORROSIVE TO BODY TISSUES,  
SUFFOCATION, IRRITATION TO MUCOUS MEMBRANES/LUNG TISSUE, PERMANENT  
INJURY & DEATH. EYES: IRRITATION.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:INHALATION: CORROSIVE TO BODY TISSUES,  
SUFFOCATION, IRRITATION OF THE MUCOUS MEMBRANES/L  
UNG TISSUE,  
PERMANENT INJURY & DEATH. EYES: IRRITATION.

===== First Aid Measures =====

First Aid:EYES: FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.  
CONTACT PHYSICIAN. SKIN: FLUSH W/WATER & REMOVE CONTAMINATED  
CLOTHING. INHALATION: REMOVE TO FRESH AIR. RESTORE/SUPPORT  
BREATHING IF REQUIRED.

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

Lower Limits:16.0%  
Upper Limits:25.0%  
Extinguishing Media:WATER SPRAY,  
FOG.  
Fire Fighting Procedures:FIREFIGHTERS NEED SELF-CONTAINED BREATHING  
APPARATUS W/FULL-FACE PIECE & FULL PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:MODERATE FIRE & EXPLOSION HAZARD WHEN  
EXPOSED TO HEAT OR FLAME.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES & PROVIDE  
VENTILATION. USE A COLD WATER SPRAY TO ABSORB AMMONIA.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, WELL-VENTILATED AREA  
AWAY FROM OXIDIZERS, COMBUSTIBLES, & SOURCES OF IGNITION.

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

Respiratory Protection:NIOSH/MESA APPROVED RESPIRATOR WHERE >TLV.  
Ventilation:LOCAL EXHAUST/MECHANICAL  
Protective Gloves:RUBBER, NEOPRENE  
Eye Protection:CHEMICAL GOGGLES  
Other Protective Equipment:EYEWASH, SAFETY SHOWER  
Supplemental Safety and Health  
KEY1:C2.

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

rties =====

HCC:F2

Boiling Pt:B.P. Text:-28F

Vapor Pres:4800

Vapor Density:0.6

Spec Gravity:0.62

Solubility in Water:7.4 GAL/100C

Appearance and Odor:STRONG, PUNGENT ODOR DETECTABLE 5PPM & PROVIDES A WARNING OF HAZARD.

Percent Volatiles by Volume:100%

Corrosion Rate:/K

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

Stability Indicator/Materials to Avoid:YES

MERCURY, CHLORINE, IODINE, BROMINE, SILVER OXIDE, HYPOCHLORITES, OXIDIZERS, & COMBUSTIBLES.

St

ability Condition to Avoid:HEAT, FLAME, IGNITION SOURCES

Hazardous Decomposition Products:HYDROGEN, NITROGEN

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. SOLUTION OF AMMONIA IN PURE WATER MAY BE USED OR SOLD.

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