

## **O-A-451F**

### **MSDS Number**

BDKCG

### **National Stock Number**

6810-00-222-9643

### **Product Name**

O-A-451F

### **Manufacturer**

MAIN POOL AND CHEMICAL SUPPL

### **Product Identification**

Product ID:O-A-451F

MSDS Date:01/01/1987

FSC:6810

NIIN:00-222-9643

MSDS Number: BDKCG

### **Responsible Party**

MAIN POOL & CHEMICAL SUPPL

501 MAIN STREET

AVOCA , PA 18641-1422

US

Emergency Phone: NONE

Cage: KO650

### **Contractor**

MAIN POOL AND CHEMICAL SUPPLY CO

AVOCA, PA 18641-1422

US

Cage: 1CX92

### **Ingredients**

AMMONIUM HYDROXIDE (SARA III);MFR STATES 59.3%,TSR FROM

CAS: 1336-21-6

RTECS: BQ9625000

Fraction By Weight: ABOVE

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

### **Hazards**

Health Hazards Acute and Chronic:\*\*CORROSIVE\*\*

Effects of Overexposure:SEVERE EYE/SKIN BURN.-CONTACT W/EYE MAY CAUSE PERMANENT INJURY.-VAPOR IS EXTREMELY IRRITATING.

### **First Aid**

First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN: WASH W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST:DO NOT INDUCE VOMIT. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

### **Fire Fighting**

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:1204F  
Lower Limits:16.  
Upper Limits:25.  
Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE  
Fire Fighting Procedures:WTR SPRAY TO COOL CONTNRS/STAY UPWIND OF  
FIRE/PROTECT.CLOTH.  
Unusual Fire/Explosion Hazard:RELEASES FLAMMABLE AMMONIA GAS AT ALL  
TEMPS. ,WHICH CAN BE EXPLOSIVE UNDER SOME CONDITIONS.

## Accidental Release

Spill Release Procedures:KEEP UPWIND OF LEAK.-EVACUATE AREA.-FLUSH AREA  
WITH WATER SPRAY.-AFTER DILUTION,WATER MAY BE NEUTRALIZED W/DILUTE  
HCL.

## Handling

Handling and Storage Precautions:STR.IN WELL VENTILATED AREA.-KEEP  
CNTNRS TIGHTLY CLSD.-KEEP AWAY FROM HEAT,SPARKS AND FLAME.  
Other Precautions:BEFORE USING,READ DUPONT REAGENTS DATA SHEET.-FOR  
MORE INFO.REFER TO NIOSH GUIDE TO RESPIRATORY  
PROTECTN:PUBLIC.76-189 AND NIOSH/ OSHA POCKET GUIDE TO  
CHEM.HAZARDS.

## Exposure Controls

Respiratory Protection:CHEM.CARTR.RESP.W/AMM.CARTER.OR SCBA.-HI CONC.  
SEE OTHER PRECAUTIONS  
Ventilation:USE ONLY W/VENTILATION ADEQ.TO MAINTAIN EXPOSURE LIMITS.  
Protective Gloves:RUBBER/PLASTIC  
Eye Protection:CHEM SPLASH GOGGLES  
Other Protective Equipment:APRON & SHOES/LONG SLEEVE SHIRT/WOOL OR  
ORLON TROUSERS.  
Supplemental Safety and Health  
ALT.PHONE # (800)424-9300.-EXPL.LIMITS ARE FOR DRY AMMONIA GAS.-TLV IS  
FOR AMMONIA GAS.-INCOMPAT:MERCURY,SILVER AND THEIR  
SALTS,DIMETHYLSULFATE.-MSDS DATED MAY 80.

## Chemical Properties

HCC:B1  
Boiling Pt:B.P. Text:82.4F/28C  
Vapor Pres:646  
Vapor Density:0.6  
Spec Gravity:0.9  
Evaporation Rate & Reference:>1  
Solubility in Water:COMPLETE  
Appearance and Odor:COLORLESS,CLEAR LIQ.-VERY PUNGEN,CHOKING.

## Stability

Stability Indicator/Materials to Avoid:NO  
STRNG OXID.,CA,HYPOCHL.BLEACHS,HALOGENS,GOLD.-SEE SUPPLEMENT.  
Stability Condition to Avoid:UNSTABLE W/HEAT.-RELEASES AMMONIA GAS.  
Hazardous Decomposition Products:MAY RELEASE AMMONIA GAS.

## Disposal

Waste Disposal Methods:IF APPVD,DILUTE SOLUTIONS MAY BE WASHED TO  
WASTEWATER TREATMENT SYSTEM.-COMPLY W/LOCAL,STATE & FEDERAL  
REGULATIONS.

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