

MAIN POOL & CHEMICAL SUPPLY -- 31389 O-A-451F -- 6750-01-059-0434

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

Product ID:31389 O-A-451F

MSDS Date:01/03/1994

FSC:6750

NIIN:01-059-0434

MSDS Number: BSFKC

=== Responsible Party ===

Company Name:MAIN POOL & CHEMICAL SUPPLY

Address:501 MAIN STREET

City:AVOCA

State:PA

ZIP:18641-1422

Country:US

Emergency Phone Num:800

Preparer's Name:HMIS TECHNICIAN

CAGE:KO650

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Contractor Identification ===

Company Name:MAIN POOL & CHEMICAL SUPPL

Address:501 MAIN STREET

Box:City:AVOCA

State:PA

ZIP:18641-1422

Country:US

CAGE:KO650

Company Name:MAIN POOL AND CHEMICAL SUPPLY CO

Address:501 MAI N STREET

Box:City:AVOCA

State:PA

ZIP:18641-1422

Country:US

CAGE:1CX92

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

Ingred Name:AMMONIUM HYDROXIDE (SARA III)

CAS:1336-21-6

RTECS #:BQ9625000

Fraction by Wt: 17.76%

Other REC Limits:NONE SPECIFIED

EPA Rpt Qty:

1000 LBS
DOT Rpt Qty:1000 LBS

===== 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:ACUTE: CONTACT MAY CAUSE SKIN AND EYE
BURNS OR IRRITATION. INHALATION MAY CAUSE SEVERE RESPIRATORY
IRRITATION. SWALLOWING MAY CAUSE SEVERE GI TRACT IRRITATION AND
BURNS TO MUCOUS MEMBRANES IN MOUTH, T HROAT AND ESOPHAGUS. CHRONIC:
PROLONGEDOR
REPEATED EXPOSURE MAY CAUSE LUNG DAMAGE.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:SKIN: BURNS, PAIN, ITCHING, REDNESS. EYES:
PAIN, REDNESS, BLURRED VISION, TEARING. INHALED: COUGHING,
TIGHTNESS IN CHEST, CHEST PAIN, SNEEZING, WHEEZING. INGESTED: BURNS
TO MOUTH & THROAT, SEVERE STOM ACH PAIN, NAUSEA, VOMITING.

===== First Aid Measures =====
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First Aid:INHALED: REMOVE TO FRESH AIR. RESTORE BREATHING IF NEEDED.
GIVE OXYGEN IF BREATHING DIFFICULT. GET MEDICAL ATTENTION. EYES:
FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET
MEDICAL ATTENTI ON. SKIN: REMOVE CONTAMINATED CLOTHES. FLUSH WITH
WATER, THEN WASH WITH SOAP AND WATER. SEE DOCTOR IF SYMPTOMS
PERSIST. INGESTED: DO NOT INDUCE VOMITING! GET IMMEDIATE MEDICAL
ATTENTION.

===== Fire Fighting Measures =====
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Flash Point:NONE
Lower Limits:16
Upper Limits:25
Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE CLOTHING. COOL FIRE EXPOSED CONTAINERS WITH WATER.
Unusual Fire/Explosion Hazard:RELEASES FLAMMABLE AMMONIA GAS AT ALL
TEMPERATURES; WHICH CAN BE EXPLOSIVE UNDER SOME CONDITIONS.

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

Spill Release Procedures:KEEP UPWIND. KE

EP UNECESSARY PERSONNEL OUT.

USE WATER TO DISPEL VAPORS. KEEP RUNOFF OUT OF SEWER/WATERWAY.

NEUTRALIZE WITH DILUTE HYDROCHLORIC ACID OR 5% ACETIC ACID.

Neutralizing Agent:5% ACETIC ACID SOLUTION OR DILUTE HYDROCHLORIC ACID SOLUTION.

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

Handling and Storage Precautions:STORE IN A COOL, DRY AREA AWAY FROM STRONG OXIDIZING AGENTS AND STRONG MINERAL ACIDS.

Other Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE. USE ONLY IN WELL-VENTILATED AREAS.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134 AND MANUFACTURER'S RECOMMENDATIONS.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW PEL/TLV.

Protective Gloves:RUBBER, PVC

Eye Protection

:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:APRON, RUBBER BOOTS, LONG SLEEVES

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MSDS GENERATED BY HMIS TECHNICIAN FOR WALL-TO-WALL INVENTORY/TECH SUPPORT. WAS UNABLE TO CONTACT COMPANY.

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

HCC:B1

Boiling Pt:B.P. Text:82.4F/28C

Vapor Pres:646 M

M HG

Vapor Density:0.6(AIR=1)

Spec Gravity:0.9 (WATER=1)

Evaporation Rate & Reference:>1 (METHOD UNKNOWN)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS,CLEAR LIQUID; VERY PUNGENT, CHOKING ODOR.

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

Stability Indicator/Materials to Avoid:NO

STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, MERCURY/SILVER AND THEIR SALTS, DIMETHYL SULFATE

Stability Condition to Avoid:UNSTABLE; WITH HEAT RELEASES AMMONIA GAS.

Hazardous Decomposition Products:MAY RELEASE AMMONIA GAS.

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

Waste Disposal Methods:IF APPROVED, FLUSH TO WASTEWATER TREATMENT SYSTEM. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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