

ATOCHEM NORTH AMERICA INC-FORMERLY PENNWALT CORP -- 715 K -- 6850-00-300-9008

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Product Identification
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Product ID:715 K

MSDS Date:05/22/1989

FSC:6850

NIIN:00-300-9008

MSDS Number: BDWPB

=== Responsible Party ===

Company Name:ATOCHEM NORTH AMERICA INC-FORMERLY PENNWALT CORP

Address:THREE PARKWAY

City:PHILADELPHIA

State:PA

ZIP:19102-1321

Country:US

Info Phone Num:215-587-7639

Emergency Ph

one Num:215-245-3128/800-424-9300(CHEMTREC)

CAGE:0L2W7

=== Contractor Identification ===

Company Name:ATOCHEM NORTH AMERICA

Address:THREE PARKWAY

City:PHILADELPHIA

State:PA

ZIP:19102

Country:US

Phone:201-738-3099

CAGE:0L2W7

Company Name:ELF ATOCHEM NORTH AMERICA INC

Address:2000 MARKET STREET

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3222

Country:US

Phone:800-245-5858

CAGE:86460

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Composition/Information on Ingredients
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Ingred Name:HYDROFLUOROSILICIC ACID

CAS:16961-83

RTECS #:VV8225000
Other REC Limits:NONE SPECIFIED
OSHA PEL:3 PPM AS F (MFR)
ACGIH TLV:3 PPM AS F (MFR)

Ingred Name:PHOSPHORIC ACID (SARA III)
CAS:7664-38-2
RTECS #:TB6300000
Fraction by Wt: 5.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 MG/M3/3 STEL
ACGIH TLV:1 MG/M3/3 STEL; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 94.5%
ACGIH TLV:NONE

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===== Hazards Identification =====
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LD50 LC50 Mi
xture:LD50 (ORAL, RAT) IS >1500 MG/KG (H3PO4)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-INHALE:MISTS MAY CAUSE
RESPIRATORY TRACT IRRITATION,COUGHING,TIGHTNESS OF CHEST,WHEEZING &
DIFFICULTY IN BREATHING.EYE/SKIN:SEVERE
IRRITATION,BURNS,REDNESS,PAIN,ULCERATION,IMPAIRED VISION/LOSS O F
SIGHT.ORAL:DAMAGE TO GI TISSUES,PAIN,VOMITING,NAUSEA,BURNS OF
MOUTH,ULCERATION.CHRONIC-D
ERMATITIS,RESPIRATORY ILLNESS.
Effects of Overexposure:MISTS OR VAPORS MAY CAUSE RESPIRATORY TRACT
IRRITATION, COUGHING, TIGHTNESS OF CHEST, WHEEZING & DIFFICULTY IN
BREATHING. SEVERE EYE AND SKIN IRRITATION, BURNS, REDNESS, PAIN,
ULCERATION, IMPAIRED VIS ION/LOSS OF SIGHT. ORALLY CAN DAMAGE
GITISSUES, PAIN, VOMITING, NAUSEA, BURNS OF MOUTH AND ULCERATION.
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNC

TION MAY BE
MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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

First Aid:GET MEDICAL ATTENTION IMMEDIATELY.EYE/SKIN:IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.HOLD EYELIDS OPEN.INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.ORAL:DO NOT INDUCE VOMITING .IF CONSCIOUS,DRINK LARGE AMOUNT OF WATER/MILK.CALL A PHYSICIAN IMMEDIATELY.NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE
Extinguishing Media:WATER SPRAY, WATER FOG, WATER STREAM. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

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

Spill Release Procedures:WEAR ACID-RESISTANT CLOTHING, BOOTS, GLOVES AND FACE SHIELD. VENTILATE AREA. STOP FLOW OF MATERIAL. CONTAIN/ABSORB SPILLS WITH DRY SAND, EARTH, VERMICULITE. CAREFULLY NEUTRALIZE WITH SODA ASH, SODIUM BICARBONATE, LIME. DO NOT DISCHARGE TO SEWER.
Neutralizing Agent:SODA ASH, SODIUM BICARBONATE, LIME

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

Handling and Storage Precautions:STORAGE-STORE IN COOL PLACE AWAY FROM ALKALIES.KEEP CONTAINER TIGHTLY CLOSED.AVOID CONTACT WITH EYES,SKIN AND CLOTHING.
Other Precautions:AVOID BREATHING VAPORS OR MISTS. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH-APPROVED RESPIRATOR FOR ACIDS. WEAR SUPPLIED-AIR RESPIRATOR PROTECTI

ON IN
 CONFINED OR ENCLOSED SPACES, IF NEEDED.
Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO
 MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves:RUBBER
Eye Protection:GOGGLES/FACE SHIELD
Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND
 IMPERVIOUS CLOTHING
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
 RECOMMENDED PROCEDURES.
Supplemental Safety and Health

===== Physical/Chemical Properties =====
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HCC:C1
Boiling Pt:B.P. Text:>200F,>93C
Melt/Freeze Pt:M.P/F.P Text: