

PENETONE CORP -- PENPOWER 420M -- 6850-00-935-5853

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

Product ID: PENPOWER 420M

MSDS Date: 10/15/1993

FSC: 6850

NIIN: 00-935-5853

MSDS Number: BTHJB

=== Responsible Party ===

Company Name: PENETONE CORP

Address: 74 HUDSON

City: TENAFLY

State: NJ

ZIP: 07670-1017

Country: US

Info Phone Num: 201-567-3000

Emergency Phone Num: 201-567-3000/800-424-9300(CHEMTREC)

CAGE: 86440

=== Cont

actor Identification ===

Company Name: PENETONE CORP

Address: 74 HUDSON AVE

Box: City: TENAFLY

State: NJ

ZIP: 07670

Country: US

Phone: 201-567-3000

CAGE: 56883

Company Name: PENETONE CORP

Address: 74 HUDSON

Box: City: TENAFLY

State: NJ

ZIP: 07670-1017

Country: US

Phone: 201-567-3000 1-800-631-1652 WATTS

CAGE: 86440

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

Ingred Name: SODIUM HYDROXIDE (SARA III)

CAS: 1310-73-2

RTECS #: WB4900000

Fraction by Wt: 65% MIN

Other REC Limits: NONE RECOMMENDE

D

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:SURFACTANTS

Fraction by Wt: < 35%

Other REC Limits:NONE RECOMMENDED

Ingred Name:NONHAZARDOUS

Fraction by Wt: < 35%

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute

and Chronic:CORROSIVE TO EYES UPON DIRECT CONTACT.

FREQUENT OR PROLONGED SKIN CONTACT MAY IRRITATE, CAUSE DERMATITIS OR CAUSE BURNS. INHALATION OF POWDER MAY CAUSE IRRITATION OR BURNS TO THE RESPIRATORY TRACT. INGESTION MAY CAUSE IRRITATION OR BURNS TO THE DIGESTIVE TRACT.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE IRRITATION/BURNS, SKIN IRRITATION/BURNS,

DERMATITIS, RESPIRATORY TRACT IRRITATION/BURNS, GASTROINTESTINAL TRACT IRRITATION/BURNS.

Medical Condition Aggravated by Exposure:SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS CONDITION.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL

ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.
GET MEDICAL ATTENTION. INGESTION: GIVE PLENTY OF WATER OR MILK. DO
NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point:NONFLAMMABLE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:NONFLAMMABLE. USE MEDIA SUITABLE FOR SURROUNDING
FIRE.
Fire Fighting Procedures:COLL CONTAINERS WITH WATER.
Unusual Fire/Explosion Hazard:THIS IS A POWDER AND PRESENTS NO UNUSUAL
HAZARDS IN A FIRE.

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

Spill Release Procedures:SWEEP UP POWDERED MATERIAL. PUT ALL MATERIAL
INTO PROPER WASTE DISPOSAL CONTAINER WITH LID TIGHTLY CLOSED. RINSE
AREA WITH PLENTY OF WATER AND NEUTRALIZE RINSE WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 120F. DO NOT STORE
NEAR STRONG ACIDS.
Other Precautions:WATER SPILL: UNDISSOLVED POWDER SHOULD BE RECOVERED
IF POSSIBLE. SURFACTANTS USED IN PRODUCT ARE BIODEGRADABLE.
LOCALIZED HIGH CONCENTRATIONS MAY CAUSE FISH KILLS, BUT NO LONG
TERM EFFECTS WILL RESULT. REPORT AS REQUIRED.

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

Respiratory Protection:IF DUST PRESENT, DUST MASK OR PARTICULATE
RESPIRATOR IS RECOMMENDED.
Ventilation:NONE NEEDED UNDER NORMAL CONDITIONS.
Protective Gloves:SPLASH PROOF GOGGLES
Eye Protection:RUBBER GLOVES
Other Protective Equipment:AFTER DILUTION AND WHEN SPRAYING THIS
PRODUCT, RUBBER BOOTS, APRONS, GAUNTLETS OR RAIN GEAR ARE
RECOMMENDED.
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING DRINKING OR SMOKING.
Supplemental Safety and Health
AFTER DILUTION, DO NOT MIST THIS PRODUCT. USE COARSE SPRAY ONLY.

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

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HCC:B1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

pH:12.5

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:SOLUBLE

Appearance and Odor:TAN, MOIST, GRANULAR POWDER, VIRTUALLY ODORLESS

Percent Volatiles by Volume:0 %

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, MAGNESIUM, ALUMINUM, ZINC

Stability Cond

ition to Avoid:EXTREME TEMPERATURES

Hazardous Decomposition Products:SMOKE, FUMES AND OXIDES OF CARBON

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. PRODUCT IS RCRA HAZARD CLASS D002 PER MFR.

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