

PENNSALT CHEMICAL CORPORATION -- DECONTAMINATING AGENT, STB -- 6850-00-297-6653

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Product Identification
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Product ID:DECONTAMINATING AGENT, STB

MSDS Date:11/04/1992

FSC:6850

NIIN:00-297-6653

MSDS Number: BPFWX

=== Responsible Party ===

Company Name:PENNSALT CHEMICAL CORPORATION

Address:COMPANY SHUT DOWN STB PLANT IN 1954

Country:US

Preparer's Name:DGSC-SSH

CAGE:PENNS

=== Contractor Ident

ification ===

Company Name:PENNSALT CHEMICAL CORPORATION

Address:COMPANY SHUT DOWN STB PLANT IN 1954

Country:US

CAGE:PENNS

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Composition/Information on Ingredients
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Ingred Name:CHLORINATED LIME

Fraction by Wt: 93.4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 PPM (CHLORINE)

ACGIH TLV:0.5 PPM (CHLORINE)

Ingred Name:CALCIUM OXIDE

CAS:1305-78-8

RTECS #:EW3100000

Fraction by Wt: 6.6%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:2 MG/M3; 9293

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===== **Hazards Identification**=====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 900 MG/KG (HCL)

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

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

Health Hazards Acute and Chronic:EYE, SKIN & RESPIRATORY TRACT IRRITATION.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:CAN CAUSE BURNS TO EYES AND SKIN. INHALATION OF

VAPORS, FUMES AND DUST CAN CAUSE IRRITATION TO MUCOUS MEMBRANES.

Medical Cond Aggravated by Exposure:OVEREXPOSURE MAY AGGRAVATE EXISTING CHRONIC RESPIRATORY CONDITIONS SUCH AS ASTHMA, BRONCHITIS AND INFLAMMATORY OR FIBROTIC RESPIRATORY DISEASE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

SKIN: FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING. INGESTION: POISON! IF CONSCIOUS, GIVE MILK, EGG WHITE, STARCH PASTE OR MILK OF MAGNESIA BY MOUTH. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NONE

Extinguishing Media:USE WATER, PREFERABLY IN FORM OF SPRAY.

Fire Fighting Procedures:WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING

APPARATUS AND FULL PROTECTIVE EQUIPMENT WHEN FIGHTING FIRES.

Unusual Fire/Explosion Hazard:POWERFUL OXIDIZING MATERIAL. NOT COMBUSTIBLE BUT EVOLVES OXYGEN AT HIGHER TEMPERATURES. READILY IGNITES COMBUSTIBLE OR ORGANIC MATERIALS WHEN IN CONTACT.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. WEAR NIOSH APPROVED RESPIRATOR OR SCBA, GOGGLES, GLOVES & BOOTS. KEEP AWAY FROM ORGANICS

C MATERIAL. MIX WITH DRY EARTH OR SAND AND PLACE IN DISPOSAL DRUM. FLUSH RESIDUE WITH LARGE QUANTITIES WATER.
Neutralizing Agent:DILUTE WITH LARGE AMOUNTS OF WATER

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM ALL SOURCES OF HEAT. DO NOT STORE NEAR COMBUSTIBLES, ACIDS OR OTHER ORGANIC MATTER. PROTECT & INSPECT CONTAINERS.

Other Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE. PROTECT
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AGAINST PHYSICAL DAMAGE. DRUMS MAY RUPTURE FROM EXPOSURE TO HEAT. AVOID STORAGE FOR PROLONGED PERIODS, PARTICULARLY AT SUMMER TEMPERATURES.

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

Respiratory Protection:SELECT A NIOSH APPROVED RESPIRATOR BASED ON CONTAMINATION LEVELS FOUND IN THE WORK PLACE. FOR HIGH LEVELS, A SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR POSITIVE PRESSURE IS RECOMMENDED.

Ventilation:LOCAL
EXHAUST WHERE DUST MIGHT OCCUR.

Protective Gloves:RUBBER, NEOPRENE OR PVC

Eye Protection:FACE SHIELD/SAFETY GOGGLE

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED. SHOULD WEAR SAFETY BOOTS.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

SUPERTROPICAL BLEACH IS A MIXTURE OF CHLORINATED LIME AND CALCIUM OXIDE

IN A WHITE POWDER FORM. WHEN MANUFACTURED IT CONTAINS 30 PERCENT AVAILABLE CHLORINE. STB DECOMPOSES SLOWLY IN STORAGE EASILY RECOGNIZED BY THE CHLORINE LIKE ODOR. IT IS CORROSIVE TO MOST METALS AND INJURIOUS TO MOST FABRICS.

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

HCC:D1

Decomp Temp:Decomp Text:>120F,>49C

Vapor Density:1.2 (HCL)

Spec Gravity:0.75

pH:BASIC

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE POWDER, STRONG CHLORINE

NE ODOR.

Corrosion Rate:FAST

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

Stability Indicator/Materials to Avoid:NO

MOISTURE, SOLVENTS, ACIDS, AND ORGANIC MATERIALS.

Stability Condition to Avoid:HIGH TEMPERATURES AND MOIST CONDITIONS.

Hazardous Decomposition Products:MAY UNDERGO ACCELERATED DECOMPOSITION
WITH EVOLUTION OF HEAT, HYDROGEN CHLORIDE AND CHLORINE GAS.

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

Waste Disposal Methods:DISPOSAL SHO

ULD BE MADE IN ACCORDANCE WITH ALL

APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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