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OCTAGON PROCESS,INC -- MIL-C-51407, CHLORINATED LIME, TECHNICAL -- 6810-00-255-5917

Product ID:MIL-C-51407, CHLORINATED LIME, TECHNICAL

MSDS Date:11/05/1992

FSC:6810

NIIN:00-255-5917

MSDS Number: BDPFB === Responsible Party ===

Company Name: OCTAGON PROCESS, INC

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105 Country:US

Info Phone Num:201-945-9400

Eme

rgency Phone Num:201-945-9400 Preparer's Name:DGSC-SSH

CAGE:DO973

=== Contractor Identification ===

Company Name: OCTAGON PROCESS INC.

Address:596 RIVER ROAD Box:City:EDGEWATER

State:NJ ZIP:07020 Country:US

Phone:201-945-9400

CAGE:82925

Company Name: OCTAGON PROCESS, INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105 Country:US

Phone:201-945-9400

CAGE:DO973

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

Ingred Name: CHLORINATED LIME

Fraction by Wt: 99%

OSHA PE

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 Over

exposure: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: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 W ITH 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.

Flash Point:NONE

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

Fire Fighting Procedures: WEAR A NIOS

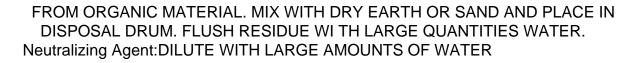
H APPROVED SELF-CONTAINED BREATHING

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



=========== 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

AGAINST PHYSICAL DAMAGE. DRUMS MAY RUPTURE FROM EXPOSURE TO HEAT. AVOID STORAGE FOR PROLONGED PERIODS, PARTICULARLY AT SUMMER TEMPERATURES.

===== 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 POSIT IVE PRESSURE IS RECOMMENDED.

Venti

lation: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. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

SUPERTROPICAL BLEACH IS A MIXTURE OF CHLORIN

ATED LIME AND CALCIUM OXIDE

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

======== 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 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 SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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