

PPG INDUSTRIES INC CHEMICAL DIVISION -- CALCIUM HYPOCHLORITE -- 6810-00-238-8115
===== Product Identification =====

Product ID:CALCIUM HYPOCHLORITE

MSDS Date:02/01/1989

FSC:6810

NIIN:00-238-8115

MSDS Number: BHHXG

=== Responsible Party ===

Company Name:PPG INDUSTRIES INC CHEMICAL DIVISION

Address:ONE GATEWAY CENTER

City:PITTSBURGH

State:PA

ZIP:15222-1416

Country:US

Info Phone Num:412-434-3131

Eme

rgency Phone Num:304-843-1300

Preparer's Name:R.KENNETH LEE

CAGE:93915

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:PPG INDUSTRIES INC CHEMICAL DIVISION

Address:ONE GATEWAY CENTER

City:PITTSBURGH

State:PA

ZIP:15222-1416

Country:US

Phone:304-843-1300

CAGE:93915

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

Ingred

Name:CALCIUM HYPOCHLORITE, HYDRATED (>= 5.5% BUT 39% AVAILABLE CHLORINE)

CAS:22464-76-2

RTECS #:NH3485500

Fraction by Wt: 65.0%

Ingred Name:INERT INGREDIENTS(INCLUDE 5.5-10% MOISTURE)

Fraction by Wt: 35.0%

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

LD50 LC50 Mixture:LC 50,RAT 3.5MG/L (ONE HOUR)

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

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

Health Hazards Acute and Chronic:ACUTE:IRRITATION OF

EYES,SK

IN,RESPIRATORY OR G,I.TRACT;REDNESS OR BURNS OF EYES ARE

POSSIBLE.VERY CORROSIVE TO ALL BODY TISSUES;PULMONARY EDEMA OR EYE

DAMAGE POSSIBLE.CHROMIC:LUNG DISEASE POSSIBLE.

Explanation of Carcinogenicity:DATA PER MGF MSDS.

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE
WORSEN.

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

First Aid:EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT

1

5-20 MINUTES;SEEK MEDICAL ATTENTION IMMEDIATELY.INHALATION:REMOVE

TO FRESH AIR;CALL A PHYSICIAN.INGESTION:SEEK MEDICAL ATTENTION

IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:USE USE WATER ONLY;SMOTHERING IS

INEFFECTIVE;PRODUCT SUPPLIES ITS OWN OXYGEN.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &

FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER

SPRAY TO COOL N

EARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:PRODUCT DECOMPOSES AT 180 C,RELEASING

OXYGEN GAS;CONTAINER MAY RUPTURE

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP OR

VACUUM AND COLLECT FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:WATER

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

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL

VENTILATED

AREA.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:WASH THOROUGHLY AFTER EACH USE.KEEP AWAY FROM
FIRE,ORGANIC MATERIALS.KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST
IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV IN DUSTY SITUATIONS

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES/G
OGGLES

Other Protective Equipment:PROTECTIVE CLOTHINGS.EYE-WASH
FACILITIES,SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE
VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE;DO NOT
EAT,DRINK,SMOKE.

Supplemental Safety and Health

HANDLE THE PRODUCT VERY CAREFULLY AND USE AS DIRECTED.

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

HCC:D1

Decomp Temp:Decomp Text:356F,180C

pH:ALKALI

Solubility in Water:SLIGHT

Appearance and Odor

:WHITE POWDER WITH SLIGHT CHLORINE ODOR

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

Stability Indicator/Materials to Avoid:NO

ACIDS,COMBUSTIBLES,ORGANICS OR REDUCING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES,ABOVE 177C

Hazardous Decomposition Products:OXYGEN AND CHLORINE GAS

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN
ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGU

LATIONS

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