

PPG INDUSTRIES INC -- CALCIUM HYPOCHLORITE -- 6810-01-183-7712

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Product Identification  
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Product ID:CALCIUM HYPOCHLORITE

MSDS Date:02/01/1989

FSC:6810

NIIN:01-183-7712

MSDS Number: BPGGX

=== Responsible Party ===

Company Name:PPG INDUSTRIES INC

Address:1 PPG PL

City:PITTSBURGH

State:PA

ZIP:15272

Country:US

Info Phone Num:412-434-3131

Emergency Phone Num:412-434-3131

Preparer's Name:R.KEN

NETH LEE

CAGE:47695

=== Contractor Identification ===

Company Name:PPG INDUSTRIES INC

Address:ONE PPG PLACE

Box:City:PITTSBURGH

State:PA

ZIP:15272

Country:US

Phone:1-800-245-2974 (CAL HYPO)

CAGE:47695

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Composition/Information on Ingredients  
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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, SKIN,  
RESPIRATORY OR GASTRO INTESTINAL TRACT. 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:INHALATION-NASAL CONGESTION, SORE THROAT,  
LARYNGITIS & SHORTNESS OF BREATH. EYE/SKIN-BLINDNESS, BURNS, OR  
TISSUE DESTRUCTION. INGESTION-SEVERE BURNS TO THE DIGESTIVE TRACT  
AND CAN BE FATAL.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:EYES AND SKIN: FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT  
15-20 MINUTES; SEEK MEDICAL ATTENTION IMMEDIATELY. INHALATION:  
REMOVE TO FRESH AIR; CAL

L A PHYSICIAN. INGESTION: IF CONSCIOUS,  
DRINK LARGE AMOUNTS OF WATER AND ANY COMMON COOKING (VEGETABLE)  
OIL, IF AVAILABLE. DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION  
IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:WATER ONLY! SMOTHERING INEFFECTIVE-PRODUCT SUPPLIES  
ITS OWN OXYGEN.

Fire Fighting Procedures:FIRE FIGHTERS MUST WEAR NIOSH APPROVED,  
PRESSURE DEMAND SELF-CONTAINED BREATHING APPARATUS WITH  
FULL FACE

PIECE FOR POSSIBLE EXPOSURE TO HAZARDOUS GASES.

Unusual Fire/Explosion Hazard:DECOMPOSES AT 180 C, RELEASING OXYGEN  
GAS; CONTAINER MAY RUPTURE.

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

Spill Release Procedures:USE EXTREME CAUTION. CONTAMINATION WITH  
ORGANICS MAY CAUSE FIRE OR VIOLENT REACTION. IF FIRE OCCURS, DOUSE  
WITH PLENTY OF WATER. OTHERWISE 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:IF DUSTY CONDITIONS ARE INCOUNTERED, 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/GOGGLES

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

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, COMBUSTBLE MATERIALS, ORGANICS, REDUCING AGENTS.

Stability Condition to Avoid:CONTAMINATION OR EXCESSIVE HEAT ABOVE 177C.

Hazardous Decomposition Products:ACIDS

OR AMMONIA CONTAMINATION WILL  
RELEASE TOXIC GASES. EXCESSIVE HEAT WILL RELEASE OXYGEN AND  
CHLORINE GAS.

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

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

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