

OLIN CORPORATION -- CALCIUM HYPOCHLORITE GRANULAR -- 6810-00-242-4770

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Product Identification  
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Product ID:CALCIUM HYPOCHLORITE GRANULAR

MSDS Date:04/14/1989

FSC:6810

NIIN:00-242-4770

MSDS Number: BKBBN

=== Responsible Party ===

Company Name:OLIN CORPORATION

Address:120 LONG RIDGE ROAD

City:STAMFORD

State:CT

ZIP:06904

Country:US

Info Phone Num:203-356-3449

Emergency Phone Num:203-356-344

9/800-OLIN-911

CAGE:0G578

=== 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:OLIN CORP CHEMICALS GROUP

Address:120 LONG RIDGE RD

City:STAMFORD

State:CT

ZIP:06904

Country:US

Phone:203-356-3449,CHEMTREC 800-242-9300

CAGE:53084

Company Name:OLIN CORPORATION

Address:120 LONG RIDGE ROAD

City:STAMFORD

State:CT

ZIP:06904-1355

Country:US

Phone:203-356-3449

CAGE:0G578

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Composition/Information on Ingredients  
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Ingred Name:CALCIUM HYPOCHLORITE (SARA III)

CAS:7778-54-3

RTECS #:NH3485000

Fraction by Wt: 65-75%

Other REC Limits:NONE SPECIFIED

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:SODIUM CHLORIDE

CAS:7647-14-5

RTECS #:VZ4725000

Fraction by Wt: 10-20%

Other REC Limits:NONE SPECIFIED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 5.5-10%

Other REC Limits:NONE SPECIFIED

Ingred Name:CALCIUM CHLORATE

CAS:10137-74

-3

RTECS #:FN9800000

Fraction by Wt: 0-5%

Other REC Limits:NONE SPECIFIED

Ingred Name:CALCIUM CHLORIDE

CAS:10043-52-4

RTECS #:EV9800000

Fraction by Wt: 0-5%

Other REC Limits:NONE SPECIFIED

Ingred Name:CALCIUM HYDROXIDE

CAS:1305-62-0

RTECS #:EW2800000

Fraction by Wt: 0-4%

Other REC Limits:NONE SPECIFIED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:5 MG/M3; 9293

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Hazards Identification  
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LD50 LC50 Mixture:ORL LD50:850MG/KG(RAT)DERMAL>2G/KG(RAB)\*

Routes of Entry:

Inhalation: YES Skin: YES Ingestion: YES  
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO  
Health Hazards Acute and Chronic: INHALATION EXPOSURE MAY CAUSE  
IMPAIRMENT OF LUNG FUNCTIONS AND PERMANENT LUNG DAMAGE. IT MAY  
CAUSE BURNS TO THE RESPIRATORY TRACT WITH THE PRODUCTION OF LUNG  
EDEMA. EXPO MAY CAUSE DESTRUCTION OF THE DE RMIS WITH IMPAIRMENT OF  
THE SKIN AT SITE OF CONTACT TO REGENERATE.

Explanation of Carcinogenicity: THIS PRODUCT IS NOT KNOWN OR REPORTED TO  
BE CARCINOGEN  
IC BY ANY REFERENCE SOURCE INCLUDING IARC, OSHA, NTP  
OR EPA.

Effects of Overexposure: INHALED: IRRIT TO  
NOSE, MOUTH, THROAT, LUNGS. SHORTNESS OF BREATH, WHEEZING, CHOKING, CHEST  
PAINS. EYE: IRRIT/BURNS. MAY IMPAIR  
VISION/CORNEAL. SKIN: IRRIT/BURNS. REDNESS, SWELLING/SCAB  
FORMATION. INGESTED: IRRIT/BURN TO GASTROINTEST TRACT, INCLUDING  
STOMACH & INTESTINES. NAUSEA, VOMITING, DIARRHEA, ABDOMINAL  
PAIN, BLEEDING/TISSUE ULCERATION

Medical Cond Aggravated by Exposure: ASTHMA, RESPIRATORY AND  
C  
ARDIOVASCULAR DISEASE. \*INHALATION LC50 APPROX 1700 MG/M3/HR  
(RAT); AQUATIC LC50=0.088 MG/L (BLUEGILL).

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

First Aid: EYES: IMMEDIATELY FLUSH WITH LOTS OF H2O FOR 15 MIN, OCCASION LIFTING  
UPPER/LOWER EYELIDS. CALL DOCTOR. SKIN: IMMEDIATELY FLUSH WITH H2O FOR 15  
MIN. CALL DOCTOR. IF CLOTHES COME IN CONTACT WITH PRODUCT, REMOVE  
IMMEDIATELY/WASH BEFORE REUSE. INGESTION: DRINK LOTS OF H2O. DO NOT INDUCE  
VOMITING. CALL DOCTOR. DO NOT GIVE ANYTHING BY M  
OUTH IF PERSON IS  
UNCONSCIOUS/HAVING CONVULSION. INHALED: MOVE TO FRESH AIR. SUPPORT  
RESPIRATION IF NEEDED. CALL DOCTOR

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

Extinguishing Media: N/K \*PH: 10.5-11.5 (1% SOLUTION)  
Fire Fighting Procedures: USE WATER TO COOL CONTAINERS EXPOSED TO FIRE.  
DO NOT USE DRY EXTINGUISHERS CONTAINING AMMONIUM COMPOUNDS.

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

Spill Release Procedures: CONTAIN ALL VIRGIN MATERIAL

IN A CLEAN DRY

CONTAINER USING CLEAN DEDICATED EQUIPMENT TO CLEAN UP MATERIAL. CONTAIN ALL CONTAMINATED MATERIAL IN A CLEAN DRY CONTAINER AND REMOVE TO A WELL VENTILATED AREA BEING SURE TO NOT SEAL TIGHTLY.

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

Handling and Storage Precautions: KEEP TIGHTLY SEALED. STORE IN A COOL, DRY, WELL VENTILATED AREA. DO NOT STORE AT TEMPERATURES ABOVE 52 C.

Other Precautions: DO NOT TAKE INTERNALLY, AVOID CONTACT WITH EYES, SKIN

OR CLOTHING, UPON CONTACT WITH SKIN OR EYES, WASH OFF WITH WATER.

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

Respiratory Protection: WEAR NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation: USE LOCAL EXHAUST VENTILATION TO MINIMIZE DUST AND CHLORINE LEVELS.

Protective Gloves: NEOPRENE OR PVC GLOVES.

Eye Protection: CHEMICAL GOGGLES

Other Protective Equipment: NEOPRENE OR PVC BOOTS, APRONS OR IMPERMEABLE SUIT TO AVOID SKIN CONTACT.

Supplemental Safety and Health

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

HCC: D1

Decomp Temp: Decomp Text: 350F/177C

pH: \*

Solubility in Water: APPROX 18% @ 25C

Appearance and Odor: WHITE FREE FLOWING POWDER WITH CHLORINE-LIKE ODOR

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

ACIDS, ORGANICS, NITROGEN CONTAINING COMPOUNDS, DRY POWDER FIRE EXT, (CONTAINS MONO-AMMONIUM PHOSPHATE) CORROSIVE FLAM/COMBUST

Stability Condition to Avoid: TEMPERATURES ABOVE 177 DEG C.

Hazardous Decomposition

Products: CHLORINE GAS

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

Waste Disposal Methods: IF THIS PRODUCT BECOMES A WASTE, IT MEETS THE CRITERIA OF HAZARDOUS WASTE D001. IT MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS IN A PERMITTED HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITY BY TREATMENT.

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