

QUALCO,INC -- CALCIUM HYPOCHLORITE,TECHNICAL (FSC6810) -- 6810-00-242-4770

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Product Identification  
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Product ID:CALCIUM HYPOCHLORITE,TECHNICAL (FSC6810)

MSDS Date:12/01/1990

FSC:6810

NIIN:00-242-4770

MSDS Number: BQQDS

=== Responsible Party ===

Company Name:QUALCO,INC

Address:225 PASSAIC ST

City:PASSAIC

State:NJ

ZIP:07055

Country:US

Info Phone Num:201-473-8600

Emergency Phone Num:201-473

-8600

CAGE:KO802

=== Contractor Identification ===

Company Name:QUALCO INC

Address:225 PASSAIC ST

Box:City:PASSAIC

State:NJ

ZIP:07055

Country:US

Phone:973-473-1222

CAGE:0WTR2

Company Name:QUALCO,INC

Address:225 PASSAIC ST

Box:City:PASSAIC

State:NJ

ZIP:07055

Country:US

Phone:201-473-8600

CAGE:KO802

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

CAS:7778-54-3

RTECS #:NH3485000

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:10 LBS

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===== Hazards Identification =====  
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS 1300 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CORROSIVE TO ALL TISSUE CONTACTED.  
DECREASED APPETITE AND ACTIVITY WITH LARGE ORAL DOSES.  
Effects of Overexposure:EYES/SKIN: SEVERE IRRITATION, BURNING, EYE  
TEARING, EYE DAMAGE. INHALATION: COUGHING, DIFFICULTY  
BREATHING,  
IRRITATION OF NOSE AND THROAT. MAY CAUSE PULMONARY EDEMA.  
INGESTION: BURNING TO MOUTH, THROA T. AGDOMINAL CRAMPS, NAUSEA. MAY  
LEAD TO CONVULSIONS, COMA, AND DEATH.  
Medical Cond Aggravated by Exposure:PERSON WITH PRE-EXISTING DISEASE  
INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED  
RISK FROM EXPOSURE TO THIS PRODUCT.

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===== First Aid Measures =====  
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First Aid:EYES/SKIN: FLUSH WITH LARGE AMOUNTS OF WATER. GET ME  
DICAL  
ATTENTION. INHALATION: MOVE TO FRESH AIR. GET MEDICAL ATTENTION.  
INGESTION: IF CONSCIOUS, RINSE MOUTH WITH WATER. GIVE LARGE AMOUNTS  
OF WATER TO DRINK. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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===== Fire Fighting Measures =====  
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Extinguishing Media:NOT COMBUSTABLE BUT MAY IGNITE COMBUSTABLE  
MATERIALS OR ORGANIC MATTER UPON CONTACT.  
Fire Fighting Procedures:FLOOD WITH WATER TO KEEP FIRE-EXPOSED  
CONTAINERS COOL. WEAR NIOSH APPROVE  
D SCBA RECOMMENDED. FIRES CAN  
SPREAD RAPIDLY. MATERIAL IS A POWERFUL OXIDIZER.  
Unusual Fire/Explosion Hazard:DRUMS MAY RUPTURE EXPLOSIVELY IF  
CONTAMINATED OR EXPOSED TO HEAT. IGNITES COMBUSTABLE MATERIALS AND  
STRONG REDUCING AGENTS WHEN IN CONTACT.

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===== Accidental Release Measures =====  
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Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. DO NOT ALLOW  
MATERIAL TO ENTER SEWERS OR WATERWAYS. CLEAN UP IN A MANNER TO  
MINIMIZE CONTAMINATION WITH

ORGANIC MATERIAL. PLACE IN CLEAN, DRY  
CONTAINER OUT OF DOORS IN WELL VENTILATED AREA. DO NOT SEAL  
CONTAINER.

Neutralizing Agent:USE HYDROGEN PEROXIDE, SODIUM BISULFITE, OR SODIUM  
SULFITE.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED  
AREA AWAY FROM HEAT, AND REACTIVE MATERIAL. WEAR PROPER PROTECTIVE  
GEAR WHEN HANDLING TO MINIMIZE PRODUCT CONTACT.

Other Precautions:HANDLE MATERIAL WITH  
CARE. DO NOT DROP, ROLL, OR  
SKID. KEEP UPRIGHT. DO NOT REUSE EMPTY CONTAINERS. WASH WITH  
PLENTY OF WATER AND DISCARD TO TRASH. KEEP AWAY FROM CHILDREN. USE  
PRODUCT ONLY AS DIRECTED. DO NOT SMOKE WHEN HANDLING MATERIAL.

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

Respiratory Protection:WEAR NIOSH/MSHA APPROVED CHLORINE GAS/DUST  
RESPIRATOR IF EXCESSIVE DUSTING OCCURS.

Ventilation:LOCAL EXHAUST IS NORMALLY ADEQUATE. IF PERMISSIBLE LIMITS  
ARE EXCEEDED,

ADDITIONAL VENTILATION/EXHAUST IS NECESSARY.

Protective Gloves:RUBBER, NEOPRENE, PVC.

Eye Protection:GOGGLES. DO NOT WEAR CONTACT LENSES.

Other Protective Equipment:PROVIDE EYE WASH STATION AND SAFETY SHOWER  
IN WORK AND STORAGE AREAS.UNIFORM AND BOOTS AS NECESSARY TO  
MINIMIZE CONTACT.

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

Supplemental Safety and Health

WHILE PRODUCT IS NOT A COMBUSTIBLE MATERIAL,

IT MUST NOT BE MIXED OR

CONTAMINATED WITH FOREIGN MATERIALS SUCH AS: HOUSEHOLD PRODUCTS,  
SOAPS, PAINTS, SOLVENTS, ACIDS, POOL CHEMICALS, GARBAGE, VINEGAR,  
BEVERAGES, OILS, DIRTY RAGS, ETC. DAMPENED MATERIAL AND/OR  
EXCESSIVE MOISTURE TO PRODUCT CAN RESULT IN FIRE OR REACTION.

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

HCC:D1

Melt/Freeze Pt:M.P/F.P Text:DECOMP.350F

Decomp Temp:Decomp Text:350F,177C

Spec Gravity:BULK 0.95 GM/ML

pH:11.0

Solubility i

n Water:APPRECIABLE

Appearance and Odor:WHITE FREE FLOWING GRANULAR SOLID. CHLORINOUS ODOR.

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

Stability Indicator/Materials to Avoid:YES

SOAPS, SOLVENTS, ACIDS, COMBUSTABLES, ORGANICS, OTHER POOL CHEMICALS.

Stability Condition to Avoid:STABLE UP TO 180C. AVOID HUMIDITY,  
TEMPERATURES ABOVE 100C, AND/OR ACIDIC ENVIRONMENT.

Hazardous Decomposition Products:CHLORINE BY REACTION WITH ACIDS.  
OXYGEN BY HEATING.

Conditions to Av

oid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF NEUTRALIZED MATERIAL IN ACCORDANCE  
WITH LOCAL, STATE AND FEDERAL REGULATIONS. DISSOLVE WASTE IN LARGE  
AMOUNTS OF WATER. ALWAYS ADDSMALL AMOUNTS OF PRODUCT TO LARGE  
AMOUNTS OF WATER.

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