

HYDROTECH CHEMICAL CORP,SAFETY AND GOV. AFFAIRS -- HY-CHLOR 65 -- 6810-01-065-2410  
===== Product Identification =====

Product ID:HY-CHLOR 65

MSDS Date:01/01/1991

FSC:6810

NIIN:01-065-2410

MSDS Number: BQFCW

=== Responsible Party ===

Company Name:HYDROTECH CHEMICAL CORP,SAFETY AND GOV. AFFAIRS

Box:67

City:DECATUR

State:GA

ZIP:30031

Country:US

Info Phone Num:404-378-1937

Emergency Phone Num:404-378

-1937

Preparer's Name:WENDY L.HOLLINGSWORTH

CAGE:87892

=== Contractor Identification ===

Company Name:HYDROTECH CHEMICAL CO SUB OF GREAT LAKES CHEM CORP

Address:1850 AIRPORT INDUSTRIAL PARK DR

Box:6549

City:MARIETTA

State:GA

ZIP:30065

Country:US

Phone:404-952-2581

CAGE:87892

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

Ingred Name:HYPOCHLOROUS ACID, CALCIUM SALT; (CALCIUM HYPOCHLORITE)

CAS:7778-54-3

RTECS #:NH3485600

Fraction by Wt: 65%

Other REC Limits:NONE SPECIFIED

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PA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

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Hazards Identification  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:EYES: MODERATELY IRRITATING. SKIN:  
MODERATELY IRRITATING. INHALATION: MODERATELY IRRITATING TO  
RESPIRATORY TRACT. INGESTION: MODERATELY IRRITATING TO MUCOUS  
MEMBRANES.

Effects of Overexpos

ure:EYES: IRRITATION. SKIN: IRRITATION. INHALATION:

IRRITATION OF RESPIRATORY TRACT. INGESTION: IRRITATION OF MUCOUS  
MEMBRANES.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL  
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. BRUSH OFF EXCESS  
THEN FLUSH AREA WITH WATER. IF SYMPTOMS DEVELOP GET MEDICAL  
ATTENTION. INHALATION: MO

VE TO FRESH AIR. SUPPORT RESPIRATION IF

NEEDED. GET MEDICAL ATTENTION. INGESTION: DRINK LARGE AMOUNTS OF  
WATER AND ANY COMMON COOKING OIL. DO NOT INDUCE VOMITING. GET  
MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point:NONE.

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:WATER.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED POSSITIVE PRESSURE  
SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fir

e/Explosion Hazard:FIRES CAN ERUPT AND SPREAD RAPIDLY. COOL  
AFFECTED CONTAINERS WITH LARGE AMOUNTS OF WATER.

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Accidental Release Measures  
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Spill Release Procedures:USE EXTREME CAUTION. CONTAMINATION WITH  
ORGANIC OR COMBUSTIBLE MATERIAL MAY CAUSE FIRE OR VIOLENT  
DECOMPOSITION. SWEEP ALL VISIBLE MATERIAL USING A CLEAN DRY SHOVEL  
AND BROOM. COLLECT IN APPROPRIATE C ONTAINER AND DISSOLVE MATERIAL  
IN WATER.

Neutralizing Agent:NONE SPECIFIED

BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM HEAT SOURCES. DO NOT STORE IN DIRECT SUNLIGHT. AVOID CONTACT WITH ORGANIC MATERIAL. KEEP CONTAINERS CLOSED.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.

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

Respiratory Protection:IF EXCESSIVE DUSTING OCCURS USE NIOSH/MSHA

APPROVED SELF CONTAINED BREATHING APPARATUS. ENGINEERING AND ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

Ventilation:PROVIDE ADEQUATE MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:RUBBER OR VINYL GLOVES WHEN HANDLING.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:EYEWASH STATION AND SAFETY SHOWER. RUBBER OR VINYL APRON RECOMMENDED WHEN HANDLING THIS MATERIAL.

Work Hy

gienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:D1

Solubility in Water:COMPLETE

Appearance and Odor:FREE FLOWING, WHITE, GRANULAR SOLID. CHLORINE ODOR.

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

Stability Indicator/Materials to Avoid:YES

MOISTURE, ACIDS, UREA AND ANY FORM OF CONTAMINATION ESPECIALLY

COMBUSTIBLE MATERIALS.

Stability Condition to Avoid:AVOID HIGH TEMPERATURES, POOR VENTILATION, CONTAMINATION, MOISTURE/HIGH HUMIDITY.

Hazardous Decomposition Products:CHLORINE GAS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. FLUSH TO SEWER IF PERMITTED BY REGULATIONS.

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