

CITY CHEMICAL CORP -- CHLORIDE INDICATOR -- 6810-00-753-4907

===== Product Identification =====

Product ID:CHLORIDE INDICATOR

MSDS Date:06/27/1996

FSC:6810

NIIN:00-753-4907

MSDS Number: BFNDZ

=== Responsible Party ===

Company Name:CITY CHEMICAL CORP

Address:132 WEST 22ND ST

City:NEW YORK

State:NY

ZIP:10011

Country:US

Info Phone Num:800-424-9300

Emergency Phone Num:800-424-9300

Preparer's Name:PETE

R WOLPERT

CAGE:83628

=== Contractor Identification ===

Company Name:CITY CHEMICAL CORPORATION

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-248-2436

CAGE:83628

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

Ingred Name:2-PHENYLHYDRAZINE

CAS:538-62-5

RTECS #:LQ9420000

Fraction by Wt: 92.6%

Other REC Limits:NONE SPECIFIED

Ingred Name:BROMOPHENOL BLUE

CAS:115-39-9

RTECS #:SJ7453000

Fraction by Wt: 7.4%

Other REC Limits:NONE SP

ECIFIED

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

LD50 LC50 Mixture:NOT GIVEN

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

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

Health Hazards Acute and Chronic:INHALATION OF DUST MAY BE IRRITATION TO THE RESPIRATORY TRACT. INGESTION MAY CAUSE IRRITATION TO THE MOUTH AND GASTROINTESTINAL TRACT. MAY CAUSE EYE IRRITATION WITH REDNESS AND PAIN. MAY CAUSE SKIN IRRITATION. LEAVES STAINS ON SKIN.

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Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE IRRITATION WITH REDNESS AND PAIN, SKIN IRRITATION, LEAVES STAINS ON SKIN, RESPIRATORY TRACT IRRITATION, SORE THROAT, COUGHING, LABORED BREATHING MOUTH IRRITATION, GI TRACT IRRITATION.

Medical Cond Aggravated by Exposure:PERSON WITH PRE-EXISTING SKIN, EYES AND RESPIRATORY TRACT DISORDERS SHOULD AVO

ID ALL EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: WASH WITH PLENTY OF WATER FOR AT LEAST 15 MIN. CALL A PHYSICIAN. SKIN: REMOVE ANY CONTAMINATED CLOTHING. WASH SKIN WITH SOAP OR MILD DETERGENT AND WATER FOR AT LEAST 15 MIN. WASH CONTAMINATED CLOTHING BEFORE REUSE. INHALATION: REMOVE TO FRESH AIR. ADMINISTER BREATHING SUPPORT MEASURES IF NEEDED. INGESTION: IF SWALLOWED GIVE WATER OR MILK TO DRINK, IF CONSCIOUS. GET MEDICAL ATTENTION.

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

Flash Point:NON-FLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:WATER, DRY CHEMICAL, ALCOHOL FOAM OR CARBON DIOXIDE.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND STRUCTURAL FIREFIGHTER'S PROTECTIVE CLOTHING TO PROVIDE LIMITED PROTECTION.

Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION, IT EMITS

TOXIC FUMES OF NITROGEN OXIDES, SULFUR OXIDES AND HYDROGEN BROMIDE GAS.

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

Spill Release Procedures:1. VENTILATE AREA. 2. CLEAN-UP PERSONNEL SHOULD WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES. 3. SWEEP UP AND PLACE IN A SUITABLE DOT WASTE CONTAINER, REMOVE FROM ARE A. 4. WASH SPILL SITE AFTER MATERIAL PICK-UP.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP THOROUGHLY AFTER HANDLING. AVOID BREATHING DUST. USE ADEQUATE VENTILATION. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:USE A DUST/MIST RESPIRATOR WHEN CONDITIONS WARRANT.  
Ventilation:A LOCAL EXHAUST SYSTEM WHICH CAPTURES THE CONTAMINATE AT ITS SOURCE IS RECOMMENDED TO PREVENT DISPERSION.  
Protective Gloves:RUBBER GLOVES  
Eye Protection:CHEMICAL SAFETY GOGGLES.  
Other Protective Equipment:EYEWASH FOUNTAIN AND QUICK-DRENCH FACILITIES IN THE WORK PLACE.  
Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1  
Boiling Pt:B.P. Te

xt:DECOMPOSES  
Melt/Freeze Pt:M.P/F.P Text:302F,150C  
Decomp Temp:Decomp Text:NOT GIVEN  
Vapor Pres:NEGLIGIBLE  
Vapor Density:NOT GIVEN  
Spec Gravity:NOT GIVEN  
Evaporation Rate & Reference:NOT GIVEN  
Solubility in Water:SLIGHT  
Appearance and Odor:ODORLESS ORANGE POWDER.  
Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES  
STORNG OXIDIZING AGENTS.  
Stability Condition to Avoid:HIGH TEMPERATURES.  
Hazardous Dec  
omposition Products:TOXIC FUMES OF NITROGEN OXIDES, SULFUR  
OXIDES AND HYDROGEN BROMIDE GAS.

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

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECOVERY MAY BE  
BURNED IN AN APPROVED INCINERATOR OR DISPOSED IN AN APPROVED WASTE  
FACILITY. DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL  
REGULATIONS.

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