

CITY CHEMICAL CORPORATION -- ORTHOTOLIDINE SOLUTION,REAGENT -- 6810-00-270-8289

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

Product ID:ORTHOTOLIDINE SOLUTION,REAGENT

MSDS Date:01/01/1985

FSC:6810

NIIN:00-270-8289

MSDS Number: BDRTS

=== Responsible Party ===

Company Name:CITY CHEMICAL CORPORATION

Address:132 WEST 22ND ST

City:NEW YORK

State:NY

ZIP:10011

Country:US

CAGE:83628

=== Contractor Identification ==

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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:HYDROCHLORIC ACID

RTECS #:MW4030000

Fraction by Wt: 15%

Ingred Name:DISTILLED WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 85%

Ingred Name:ORTHOTOLIDINE DIHYDROCHLORIDE

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

Effects of

Overexposure:HIGHLY IRRITATING TO MUCOUS MEMBRANES OF EYES & RESPIRATORY TRACT & TO SKIN.

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

First Aid:IF EXPOSED TO FUMES REMOVE TO FRESH AIR.IRRIGATE EYES WITH WATER.WASH CONTAMINATED AREAS OF THE BODY WITH SOAP & WATER.STOMACH WASH,IF SWALLOWED.PROVIDE OXYGEN,IF INDICATED.

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

Extinguishing Media:ABUNDANCE OF WATER IN THE EVENT FIRE BREAKS OUT
Fire

Fighting Procedures:USE WATER SPRAY.WEAR SELF CONTAINED BREATHING APPARATUS

Unusual Fire/Explosion Hazard:REACTS EXPLOSIVELY WITH METALLIC POWDERS

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

Spill Release Procedures:COVER WITH SODIUM CARBONATE OR AN EQUAL MIXTURE OF SODA ASH & SLAKED LIME.AFTER MIXING,ADD WATER IF NECESSARY TO FORM SLURRY.

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

Handling and Storage Precautions:PROTECT CONTAINER AGAINST PHYSICAL

DAMAGE.STORE IN A COOL,WELL VENTILATED PLACE SEPARATED FROM OXIDIZING SUBSTANCES.WEAR RUBBER GLOVES

Other Precautions:KEEP AWAY FROM COMBUSTIBLES,WEAR RUBBER APRONS,BOOTS,SELF CONTAINED BREATHING APPARATUS

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

Respiratory Protection:U.S.BUREAU OF MINES MASK OR SELF CONTAINED BREATHING APPARATUS.

Ventilation:AS REQUIRED TO CONTROL THE TLV IN AIR

Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:EYE BATH,SAFETY SHOWER,RUBBER APRON,BOOTS

Supplemental Safety and Health

SOLVENTS ARE HYDROCHLORIC ACID AND WATER.PERCENTAGES SHOWN ARE BY VOLUME FOR THE SOLVENT. SOLUTE CONC IS 1.35 GM/LITER

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

HCC:C1

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID,CHLORINE ODOR

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

Stability Indicator/Materials to Avoid:YES
META

LLIC POWDERS & OXIDIZING MATERIALS

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

Waste Disposal Methods:ADD SLOWLY TO A LARGE AMOUNT OF SOLUTION OF SODA ASH & SLAKED LIME BY STIRRING.DISCHARGE THE SOLUTION WITH LARGE AMOUNT OF WATER TO AN APPROVED DISPOSAL AREA

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