

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 ==

=

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

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.