

CLAYTON CHEMICAL CO. -- 123-001;6122;INDUSTRIAL X-RAY INSTANT STABILIZER --  
6750-00-427-2779

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

Product ID:123-001;6122;INDUSTRIAL X-RAY INSTANT STABILIZER

MSDS Date:01/06/1994

FSC:6750

NIIN:00-427-2779

MSDS Number: BPJCG

=== Responsible Party ===

Company Name:CLAYTON CHEMICAL CO.

Address:13310 S. FIGUEROA STREET

City:LOS ANGELES

State:CA

ZIP:90061

Country:US

Info P

hone Num:310-538-9530 310-515-6517

Emergency Phone Num:310-538-9530/800-424-9300(CHEMTREC)

CAGE:61803

=== Contractor Identification ===

Company Name:CLAYTON CHEMICAL CO.

Address:13310 S. FIGUEROA STREET

Box:City:LOS ANGELES

State:CA

ZIP:90061

Country:US

Phone:310-538-9530/800-424-9300(CHEMTREC)

CAGE:61803

Company Name:CLAYTON CHEMICAL CO., A DIV OF VARICHEM CORP

Address:RR 1

Box:276-Z

City:HEATHSVILLE

State:VA

ZIP:22473

Country:US

Phone:703-759-9399

CAGE:6W820

===== Composition/Informa

tion on Ingredients =====

Ingred Name:AMMONIUM THIOCYANATE (CERCLA)  
CAS:1762-95-4  
RTECS #:XK7875000  
Fraction by Wt: 10-15%  
Other REC Limits:NONE RECOMMENDED  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ACETIC ACID (CERCLA)  
CAS:64-19-7  
RTECS #:AF1225000  
Fraction by Wt: 4-7%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM/15 STEL; 9596  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:SODIUM METABISULFITE  
CAS:7681-57-4  
RTECS #:UX8225000  
Fraction by Wt: 2  
-5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3; 9596

Ingred Name:NON HAZARDOUS INGREDIENTS  
Fraction by Wt: BALANCE  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY  
CAUSE IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION AND CNS  
EFFEC

TS.INHAL:MAY CAUSE RESPIRATORY IRRITATION AND CNS EFFECTS.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:INGEST:NAUSEA,VOMITING,ABDOMINAL PAIN.EYES:BURNING.INHAL:COUGHING,DIFFICULT BREATHING,DIZZINESS,DROWSINESS,UNCONSCIOUSNESS.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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First Aid Measures =====

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.GET MEDICAL ATTENTION IF NEEDED.EYES:FLUSH WITH WATER FOR 15 MINUTES.GET IMMEDIATE MEDICAL ATTENTION.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.GET IMMEDIATE MEDICAL ATTENTION.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE MILK OR WATER.

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Fire Fighting Measures =====

Flash Point:NONE  
Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.  
Unusual Fire/Explosion Hazard:FIRE CONDITION MAY EVOLVE TOXIC FUMES.CONTAINERS MAY BURST AT ELEVATED TEMPERATURES.

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Accidental Release Measures =====

Spill Release Procedures:USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIAL IN AN APPROPRIATE CONTAINER FOR DISPOSAL;CLEAN SPILL AREA TO REMOVE SLIPPERINESS.AVOID CONTAMINATING GROUND AND WATERWAYS.  
Neutralizing Agent:SODIUM BICARBONATE.

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Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM INCOMP

ATIBLE MATERIALS.

Other Precautions:DO NOT CONTAMINATE FOODSTUFFS(INCLUDING TOBACCO) WITH THIS MATERIAL.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS,DEPENDING ON THE AIRBORN CONCENTRA TION.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATI

ON TO MAINTAIN TLV/PEL.

Protective Gloves:CHEMICALLY RESISTANT.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

VOLATILE FRACTION(W/W):SAME AS WATER.

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

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HCC:C3

Boiling Pt:B.P. Text:212F,100C

Vapor Pres:23

Vapor Density:1

Spec Gravity:1.095

pH:4.5

Evaporation Rate & Reference:1 WATER=1

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS MILD VINEGAR ODOR.

Percent Volatiles by Volume:SUPPL

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

Stability Indicator/Materials to Avoid:YES

STRONG ALKALIES AND OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products

:SULFUR DIOXIDE AND AMMONIA.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.DISCHARGING TO SEWER REQUIRES PERMITTING.

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