

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.

=====
First Aid Measures

=====
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 ARTIFICI AL RESPIRATION IF NEEDED.GET IMMEDIATE MEDICAL

ATTENTION.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED

MEDICAL ATTENTION.IF CONSCIOUS,GIVE MILK OR WATER.

=====
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.

=====
Accidental Release Measures

Spill Release Procedures:USE PROPER RESPIRA

TORY 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 SLIPP

ERINESS.AVOID CONTAMINATING GROUND AND WATERWAYS.

Neutralizing Agent:SODIUM BICARBONATE.

=====
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.

===== 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.

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

=====

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

===== 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.

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.