

VARICHEC CORP DBA CLAYTON CHEMICAL CO. -- METAL PLATE FIXER -- 6750-01-012-7068

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

Product ID:METAL PLATE FIXER

MSDS Date:12/06/1996

FSC:6750

NIIN:01-012-7068

MSDS Number: CCMRY

=== Responsible Party ===

Company Name:VARICHEC CORP DBA CLAYTON CHEMICAL CO.

Address:13310 S. FIGUEROA STREET

City:LOS ANGELES

State:CA

ZIP:90061

Country:US

Info Phone Num:310-538-9530

Emergency Phone Num:708-640-4800/800-424-9300(CHEMTREC)

CAGE:KO056

=== 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:VARICHEC CORP DBA CLAYTON CHEMICAL CO.

Address:13310 S. FIGUEROA STREET

Box:276-Z

City:LOS ANGELES

State:CA

ZIP:90061

Country:US

Phone:310-538-9530

CAGE:KO056

===== Composition/Information on Ingredients =

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Ingred Name:AMMONIUM THIOSULFATE
CAS:7783-18-8
RTECS #:XN6465000
Fraction by Wt: 10-15%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM SULFITE
CAS:7757-83-7
RTECS #:WE2150000
Fraction by Wt: 1-2%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ACETIC ACID (CERCLA)
CAS:64-19-7
RTECS #:AF1225000
Fraction by Wt: 1-2%
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

===== Hazards Identific
ation =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:MAY CAUSE IRRIT.SKIN:MAY CAUSE
IRRIT &/OR ALLERGIC SKIN REACTION.INHAL:NORMALLY NO PROBLEM BUT
INHAL OF MIST COULD CAUSE RESPIRATORY IRRIT.INGEST:MAY CAUSE IRRIT
OF MUCOUS MEMBRANES OR DIGESTIVE T RACT.
Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY

LISTING:NTP/IARC/OSHA:NO.
Effects of Overexposure:EYE IRRIT. SKIN IRRIT, ALLERGIC SKIN REACTION.
RESPIRATORY IRRIT. IRRIT OF MUCOUS MEMBRANE OR DIGESTIVE TRACT.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:IMMED FLUSH W/PLENTY OF RUNNING WATER FOR @LEAST
15MINS.OBTAIN MED ATTN.SKIN:FLUSH PROMPTLY W/WATER FOR
15MINS.REMOVE CONTAMIN CLOTH.INCASE OF CONTINUED IRRIT CONSULT
P

PHYSICIAN.INHAL:FOR OVEREXPO REMOVE TO FRESH AIR.INGEST:DRINK MILK OR WATER.INDUCE VOMIT.OBTAIN IMMED MED ATTN.

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

Flash Point:NOT FLAMMABLE

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:ANY EXTINGUISHING MEDIA APPLICABLE TO SURROUNDING AREA.

Fire Fighting Procedures:EVACUATE PERSONNEL TO SAFE AREA. KEEP PERSONNEL REMOVED & UPWIND OF FIRE. WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION EMISSION OF TOXIC FUMES IS POSSIBLE.

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

Spill Release Procedures:REVIEW FIRE/EXPLO & PROTECTION SEC OF MSDS BEFORE CLEANUP.USE APPROPRIATE PPE DURING CLEANUP.DIKE/PREVENT LIQ FROM ENTERING SEWERS/WATERWAYS/LOW AREAS.SOAK UP W/SAND/OIL DRY/OTHER ABSORBENT MATLS.SPILL MAY BE NEUTRALIZED W/POWDERED SODIUM CARBONATE.

Neutralizing Agent:POWDERED SODIUM CARBONATE.

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

Handling and Storage Precautions:STORE IN WELL VENTILATED AREA.KEEP CONTAINER TIGHTLY CLOSED.DO NOT STORE W/INCOMPATIBLE MATLS.

Other Precautions:DO NOT STORE/CONSUME FOOD/DRINK/USE TOBACCO IN AREAS WHERE THEY MAY BECOME CONTAMINATED W/THIS MATERIAL.

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

Respiratory Protection:SUFFICIENT ROOM VENTILATION.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:GLOVES.

Eye Protection:SPLASH PROTECTIVE EYEGLASSES W/SIDE SHIELDS.

Other Protective Equipment:APRONS.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

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

HCC:C3

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

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:1.271

pH:4.82

Viscosity:NP

Evaporation Rate & Reference:NA

Solubility

y in Water:100% COMPLETE.
Appearance and Odor:CLEAR AND COLORLESS, SLIGHT AMMONIA ODOR.
Percent Volatiles by Volume:NA
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:RECOVER NONUSABLE FREE LIQ &/OR CONTAM H2O;DISPO
IN APPROVED/PERMITTED TREATMENT SYS.REMOVE NONUSABLE SOLID MATL
&/OR CONTAM SOIL FOR DISPO IN APPROVED/PERMITTED LANDFILL.DISCHARGE
TO SEWER REQUIRES A PPROVAL PERMITTING AUTHORITY/MAY REQUIRE
PRETREAT.

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