

CLAYTON CHEMICAL CO. -- C132 DEVELOPER STARTER (174-0000) -- 6750-00-165-7189

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

Product ID:C132 DEVELOPER STARTER (174-0000)

MSDS Date:07/27/1992

FSC:6750

NIIN:00-165-7189

MSDS Number: BDDXP

=== Responsible Party ===

Company Name:CLAYTON CHEMICAL CO.

Address:13310 FIGUEROA STREET

City:LOS ANGELES

State:CA

ZIP:90061

Country:US

Info Phone Num:310-538-9530

Emergency P

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

Preparer's Name:JOHN B. TAYLOR

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/Information on Ingredi

ents =====

Ingred Name:SODIUM BROMIDE
CAS:7647-15-6
RTECS #:VZ3150000
Fraction by Wt: 30-40%

Ingred Name:ACETIC ACID (SARA III)
CAS:64-19-7
RTECS #:AF1225000
Fraction by Wt: 1-5%
OSHA PEL:10 PPM
ACGIH TLV:10 PPM/15 STEL; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 55-70%

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalatio
n:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE EYE IRRITATION AND BURNING.
MAY CAUSE SKIN IRRITATION. INHALATION OF MIST COULD CAUSE
RESPIRATORY IRRITATION. MAY CAUSE SEVERE IRRITATION OF MUCOUS
MEMBRANES OR DIGESTIVE TRACT IF INGESTED.
Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.
Effects of Overexposure:EYE IRRITATION, EYE B
URNING, SKIN IRRITATION,
SKIN BURNING, RESPIRATORY IRRITATION, MUCOUS MEMBRANE IRRITATION,
DIGESTIVE TRACT IRRITATION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES; OBTAIN
MEDICAL ATTENTION. SKIN: FLUSH AFFECTED AREAS PROMPTLY WITH WATER
FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING. INHALATION: FOR
OVEREXPOSURE, REMOVE TO F

RESH AIR. INGESTION: DRINK MILK OR WATER.
INDUCE VOMITING. OBTAIN IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NOT FLAMMABLE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:ANY EXTINGUISHING MEDIA APPLICABLE TO SURROUNDING AREA.
Fire Fighting Procedures:EVACUATE PERSONNEL TO A SAFE AREA. KEEP PERSONNEL REMOVED AND 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:USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEANUP. DIKE SPILL. PREVENT LIQUID FROM ENTERING SEWER, WATERWAYS OR LOW AREA. SOAK UP WITH SAND, OILDRIY OR OTHER ABSORBENT MATERIAL. SPILL MAY BE NEUTRALIZED WITH POWDERED SODIUM CARBONATE.
Neutralizing Agent:SODIUM CARBONATE.

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

Handling and Storage Precautions:STORE IN WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE WITH INCOMPATIBLE MATERIALS.
Other Precautions:DO NOT STORE OR CONSUME FOOD,DRINK OR TOBACCO IN AREA WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL.

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

Respiratory Protection:SUFFICIENT ROOM VENTILATION.
Ventilation:ADEQUATE MECHANICAL (GENERAL) VENTILATION
Protective Gloves:PVC
Eye Protection:EYEGLASSES WITH SIDE SHIELDS
Other Protective Equipment:PROTECTIVE APRON, EMERGENCY SHOWER AND EYEWASH STATION
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.
Supplemental Safety and Health
FORMULA #424-12A.

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

HCC:C3
Boiling Pt:B.P. Text:>212F,>100C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:NOT GIVEN
Vapor Density:NOT GIVEN
Spec Grav

ity:1.005

pH:1.80

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID, MILD VINEGAR ODOR

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

Conditions to Avoid Polymerization:MAY OCCUR. NO CONDITIONS TO AVOID
SPE

CIFIED BY MANUFACTURER.

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

Waste Disposal Methods:RECOVER NONUSABLE FREE LIQUID AND/OR
CONTAMINATED WATER AND DISPOSE OF IN AN APPROVED AND PERMITTED
TREATMENT SYSTEM. REMOVE NONUSABLE SOLID MATERIAL AND/OR
CONTAMINATED SOIL, FOR DISPOSAL IN AN APPROVED AND PERMITTED
LANDFILL.

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