

CLAYTON CHEMICAL CO. -- P20 DEVELOPER CONCENTRATE -- 6750-01-243-9290

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

Product ID:P20 DEVELOPER CONCENTRATE

MSDS Date:04/22/1992

FSC:6750

NIIN:01-243-9290

MSDS Number: BWCZQ

=== 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 Phone Num:310-538

-9530

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 Ingredients =====

Ingred Name:SODIUM SULFITE

CAS:7757-83-7

RTECS #:

WE2150000
Fraction by Wt: 5-8% %
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM CARBONATE
CAS:584-08-7
RTECS #:TS7750000
Fraction by Wt: 5-8% %
Other REC Limits:10 (15)PPM TLV (PEL)

Ingred Name:HYDROQUINONE (SARA III)
CAS:123-31-9
RTECS #:MX3500000
Fraction by Wt: 1-3% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:LD50, ORAL, RAT 320
MG/KG (HYDROQUINONE)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE EYE IRRITATION. MAY CAUSE
SKIN IRRITATION AND/OR ALLERGIC SKIN REACTION. INHALATION OF MIST
COULD CAUSE RESPIRATORY IRRITATION. INGESTION MAY CAUSE IRRITATION
OF MUCOUS MEMBRANES OR DIGESTIV E TRACT. CHRONIC: (HYDROQUINONE)
REPEATED CONTACT CAN CAUSE SKIN SENSITIZATION AND ALLERGIC
DERMATITIS.
Explanatio
n of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.
Effects of Overexposure:EYE IRRITATION/BURNS, SKIN IRRITATION/BURNS,
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 PLENTY OF WATER FOR 15 MINUTES.
OBTAIN MEDICA

L ATTENTION. SKIN: FLUSH AFFECTED AREAS PROMPTLY WITH WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING. IN CASE OF CONTINUED IRRITATION, CONSULT PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. INGESTION: DRINK MILK OR WATER. DO NOT INDUCE VOMITING. OBTAIN IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONFLAMMABLE

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:ANY EXTINGUISHING MEDIA APPLICABLE TO SURROUNDIN
G

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 OF SULFUR DIOXIDE IS POSSIBLE.

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

Spill Release Procedures:USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEAN UP. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR
LO

W AREAS. SOAK UP WITH SAND, OIL DRY OR OTHER ABSORBENT MATERIAL.

SPILL MAY BE NEUTRAL IZED WITH POWDERED CITRIC ACID.

Neutralizing Agent:POWDERED CITRIC ACID

===== 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 MATER
IAL.

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

Respiratory Protection:NOT NORMALLY REQUIRED

Ventilation:SUFFICIENT ROOM VENTILATION

Protective Gloves:RECOMMENDED

Eye Protection:EYEGLASSES WITH SIDE SHIELDS

Other Protective Equipment:PROTECTIVE APRONS

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

FORMULA #418-52.

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

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HCC:B3
Boiling Pt:B.P. Text:212F,100C
Spec Gravity:1.260
pH:10.50
Evaporation Rate & Reference:SAME AS WATER
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR, COLORLESS LIQUID, NO ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS, OXIDIZERS
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:OXIDES OF SULFUR AND NITROGEN, CARBON
DIOXIDE, CARBON MON
OXIDE

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

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

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