

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 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 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 LOW AREAS. SOAK UP WITH SAND, OIL DRY OR OTHER ABSORBENT MATERIAL. SPILL MAY BE NEUTRALIZED 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 MATERIAL.

===== 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 =====

=====

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 APPROVED AND PERMITTED  
LANDFILL.

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.