

"CRONALITH" LIQUID BLENDER DEVELOPER-PART A

MSDS Number

BQKRC

National Stock Number

6750-01-026-0158

Product Name

"CRONALITH" LIQUID BLENDER DEVELOPER-PART A

Manufacturer

DU PONT E I DE NEMOURS AND CO INC

Product Identification

Product ID:"CRONALITH" LIQUID BLENDER DEVELOPER-PART A

MSDS Date:12/03/1992

FSC:6750

NIIN:01-026-0158

MSDS Number: BQKRC

Responsible Party

DU PONT E I DE NEMOURS & CO INC

1007 MARKET STREET

WILMINGTON , DE 19899

US

Emergency Phone: 800-441-3637 800-421-9300 CHEMTREC

Info Phone: 800-346-4748

Cage: 18873

Contractor

E.I. DUPONT DE NEMOURS & CO

WILMINGTON, DE 19898

US

800-441-7515;800-441-9442

Cage: 18873

Ingredients

TRIETHYLENE GLYCOL

CAS: 112-27-6

RTECS: YE4550000

Fraction By Weight: 40-70%

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 30-60%

SODIUM FORMALDEHYDE BISULFITE

Fraction By Weight: 10-30%

HYDROQUINONE (SARA III)

CAS: 123-31-9

RTECS: MX3500000

Fraction By Weight: 7-13%

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9293

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

FORMALDEHYDE (SARA III)

CAS: 50-00-0

RTECS: LP8925000

Fraction By Weight:

OSHA PELSEE 1910.1048

ACGIH TLV: C 0.3 PPM; A2; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT) 320 MG/KG (HYDROQUINONE)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:THIS PRODUCT IS AN AQUEOUS SOLUTION OF SEVERAL COMPONENTS. IT MAY CAUSE EYE AND SKIN IRRITATION.

INHALATION OF MIST OR DRIED RESIDUE MAY CAUSE RESPIRATORY IRRITATION. INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION.

Explanation of Carcinogenicity:THIS PRODUCT CONTAINS 2-A [53-96-3], AN OSHA REGULATED CARCINOGEN.

Effects of Overexposure:SKIN CONTACT MAY INCLUDE RASH, HYPERPIGMENTATION. INHALATION MAY CAUSE DISCOMFORT, NAUSEA, HEADACHE, SORE THROAT AND WEAKNESS. INHALATION OF HIGH CONCENTRATIONS MAY CAUSE PULMONARY EDEMA. PROLONGED EYE CONTACT CAN CAUSE BURNS OF THE EYE.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PREEXISTING DISEASES OF THE LIVER, KIDNEYS, OR BONE MARROW MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. SKIN CONTACT: IMMEDIATELY WASH SKIN WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE. IN HALATION: REMOVE VICTIM TO FRESH AIR. CALL A PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER IF VICTIM IS CONSCIOUS. CALL A PHYSICIAN IMMEDIATELY.

Fire Fighting

Flash Point:NONE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING MATERIAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. KEEP PERSONNEL REMOVED AND UPWIND OF FIRE.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:DIKE SPILL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR LOW AREAS. SOAK UP WITH SAWDUST, SAND, OIL DRY

OR OTHER ABSORBENT MATERIAL. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEAN UP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE AND AWAY FROM ACIDS. DO NOT MIX PRODUCT WITH STRONG ACIDS.

Other Precautions:BECAUSE FORMALDEHYDE VAPOR MAY BE PRESENT INSIDE CLOSED REPLISHMENT TANKS, THE REPLISHMENT TANKS SHOULD REMAIN COVERED. USE VENTILATION THAT IS ADEQUATE TO KEEP EMPLOYEE EXPOSURE BELOW RECOMMENDED EXP OSURE LIMITS.

Exposure Controls

Respiratory Protection:RESPIRATORS ARE NOT NEEDED FOR NORMAL USE.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:LATEX OR NEOPRENE

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES.

LAUNDER CONTAMINATED CLOTHING PRIOR TO REUSE.

Chemical Properties

HCC:T6

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

Spec Gravity:1.1-1.2

pH:5-6

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT AMBER TO TAN, CLEAR LIQUID WITH NONE TO MILD FISHY ODOR.

Stability

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.

Disposal

Waste Disposal Methods:PHOTOPROCESSING EFFLUENTS: DISCHARGE TO SEWER REQUIRES APPROVAL OF PERMITTING AUTHORITY AND MAY REQUIRE PRETREATMENT. REMOVE NONUSEABLE SOLID MATERIAL AND/OR CONTAMINATED SOIL, FOR DISPOSAL IN AN APPR OVED AND PERMITTED LANDFILL.

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