

CRONEX HSD-WORKING STRENGTH SOLUTION

MSDS Number

BBFGM

National Stock Number

6525-00D001510

Product Name

CRONEX HSD-WORKING STRENGTH SOLUTION

Manufacturer

E I DUPONT DE NEMOURS AND CO

Product Identification

Product ID:CRONEX HSD-WORKING STRENGTH SOLUTION

MSDS Date:05/01/1986

FSC:6525

NIIN:00D001510

MSDS Number: BBFGM

Responsible Party

E.I.DUPONT DE NEMOURS & CO.

WILMINGTON , DE 19898

US

Emergency Phone: 1-800-441-3637(MED);424-9300(TRANS)

Info Phone: 1-800-441-7515(PRODUCT)

Cage: DO229

Contractor

E.I.DUPONT DE NEMOURS & CO INC

1635

BOSTON, MA 02118

US

800-441-7515

Cage: DO229

Ingredients

TRIETHYLENE GLYCOL

CAS: 112-27-6

RTECS: YE4550000

Fraction By Weight:

HYDROQUINONE (SARA III)

CAS: 123-31-9

RTECS: MX3500000

Fraction By Weight:

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

SODIUM/POTASSIUM SULFITE

Fraction By Weight:

GLUTARALDEHYDE-BIS-POTASSIUM BISULFITE

CAS: 68310-08-7

Fraction By Weight:

1-PHENYL-3-PYRAZOLIDONE

CAS: 92-43-3

RTECS: UQ8750000

Fraction By Weight:

Hazards

Health Hazards Acute and Chronic:CAUSE EYE,SKIN,RESPIRATORY IRRITATION.INGESTION OF HYDROQUINONE CAN AFFECT THE CENTRAL NERVOUS SYSTEM,CAN CAUSE LIVER DISEASE.CAN DAMAGE BLOOD & BONE MARROW & CONTACT CAN CAUSE SKIN & EYE DISCOLORATIO N.PERSONS WITH EXISTING LIVER OR BONE MARROW DISEASE MAY BE AT INCREASED RISK OF TOXIC EFFECTS.

Effects of Overexposure:EYE,SKIN,RESPIRATORY,MUCOUS MEMBRANE IRRITATION,DERMATITIS,COUGHING,NAUSEA,DIZZINESS,DIFFICULTY BREATHING,WEAKNESS,INCOORDINATION.JAUNDICE,HEADACHE,ABDOMINAL PAIN,DIARRHEA,EXCITATION,THIRST,RINGING IN THE EARS,CYANOSIS.

First Aid

First Aid:INH:REMOVE TO FRESH AIR,IF NOT BREATHING,GIVE ARTIFICIAL RESPIRATION OR OXYGEN; SKIN/EYE CONTACT:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES; ING:DO NOT INDUCE VOMITING,GIVE LARGE QUANTITIES OF WATER.NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Fire Fighting

Extinguishing Media:ANY APPLICABLE TO PRIMARY CAUSE OF FIRE.

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

Accidental Release

Spill Release Procedures:USE APPROPRIATE PROTECTIVE EQUIPMENT.DIKE SPILL,PREVENT LIQUID FROM ENTERING SEWERS,WATER WAYS OR LOW AREAS.SOAK UP WITH SAWDUST,SAND,OIL DRY OR OTHER ABSORBENT MATERIAL.

Neutralizing Agent:SODIUM BICARBONATE(BAKING SODA) IF WEAK ACID SOLN(ACETIC ACID) IS NOT AVAILABLE.

Handling

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE WITH STRONG ACIDS. DO NOT CONTAMINATE FOOD,DRINK,TOBACCO WITH THIS MATERIAL.

Exposure Controls

Respiratory Protection:NONE NORMALLY.

Ventilation:ADEQUATE VENTILATION

Protective Gloves:LATEX OR NEOPRENE GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES

Supplemental Safety and Health

THIS MATERIAL IS PREMIXED,READY TO USE,WORKING-STRENGTH SOLUTION.DUPONT DOES NOT SELL THIS,HOWEVER,THEY SELL HSD(HIGH STABILITY DEVELOPER) CONCENTRATES,WHICH HAS 3 PARTS IN A PACKAGE. SEE "SUPP" UNDER NSN:6525-01-145-2445.

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:>212F/100C
Spec Gravity:1.09 AT 20C
Solubility in Water:100 WT%
Appearance and Odor:CLEAR,LIGHT AMBER LIQUID WITH PUNGENT ODOR

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS
Hazardous Decomposition Products:DECOMPOSES BY REACTION WITH STRONG ACIDS

Disposal

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

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