HERCOFLOC 831

MSDS Number

BBGBZ

National Stock Number

6850-00F000191

Product Name

HERCOFLOC 831

Manufacturer

HERCULES INCORPORATED

Product Identification

Product ID:HERCOFLOC 831
MSDS Date:02/21/1986
FSC:6850
NIIN:00F000191
MSDS Number: BBGBZ

Responsible Party

HERCULES INCORPORATED

HERCULES PLAZA

WILMINGTON , DE 19894

Emergency Phone: (302) 594-5000

Info Phone: (302) 594-5000

Cage: 2D295

Contractor

HERCULES INCORPORATED

NEW YORK, NY 10011-7603

US

302-594-5000

Cage: 2D295

Ingredients

ACRYLAMIDE (SARA III)

CAS: 79-06-1

RTECS: AS3325000

Fraction By Weight: 0.2%

OSHA PELS, 0.3 MG/M3

ACGIH TLV: S,0.03 MG/M3; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

SYNTHETIC WATER POLYMERS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: DUST MAY CAUSE RESPIRATORY IRRITATION, FATIGUE, WEAKNESS, TREMOR, ATAXIA, NUMBNESS, ABNORMAL

DISTAL SENSATION, URINARY RETENTION, CNS EFFECTS, POOR MEMORY, CONFUSION, HALLUCINATION, & SLUR RED SPEECH. SKIN: SWEATING, ERYTHEMA OFTHE HANDS, PEELING & IRRITATION. EYES: IRRITATION.
Explanation of Carcinogenicity:THE RESIDUAL ACRYLAMIDE MONOMER HAS BEEN GIVEN AN A2 NOTATION, "SUSPECT OF CARCINOGENIC POTENTIAL FOR MAN" BY THE ACGIH.
Effects of Overexposure:INHALATION: DUST MAY CAUSE RESPIRATORY IRRITATION, FATIGUE, WEAKNESS, TREMOR, ATAXIA, NUMBNESS, ABNORMAL DISTAL SENSATION, URINARY RETENTION, CNS EFFECTS, POOR MEMORY, CONFUSION, HALLUCINATION, & SLUR RED SPEECH. SKIN: SWEATING, ERYTHEMA OFTHE HANDS, PEELING & IRRITATION. EYES: IRRITATION.

First Aid

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE ANY CONTACT LENSES TO ENSURE THOROUGH FLUSHING. CALL PHYSICIAN. SKIN: FLUSH W/WATER. REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE. INHAL ATION: REMOVE TO FRESH AIR. CALL PHYSICIAN.

Fire Fighting

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, FOAM, CO2
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:FLAMMABLE DUST WHEN FINELY DIVIDED & SUSPENDED IN AIR.

Accidental Release

Spill Release Procedures:IF MATERIAL IS NOT CONTAMINATED, SCOOP INTO CLEAN CONTAINERS FOR USE. IF CONTAMINATED, SCOOP INTO CONTAINERS FOR DISPOSAL.

Handling

Handling and Storage Precautions:KEEP AWAY FROM SPARKS & OPEN FLAMES. KEEP CONTENTS COOL & DRY. DON'T ALLOW EYE/SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING DUST.
Other Precautions:FLAMMABLE DUST WHEN FINELY DIVIDED & SUSPENDED IN AIR. SURFACES SUBJECT TO SPILLS OR DUSTING W/THIS PRODUCT CAN BECOME SLIPPERY WHEN WET. FOLLOW STANDARD INDUSTRIAL HYGIENE & RECOMMENDED PROCEDURES. K EEP FLOORS CLEAN & DRY.

Exposure Controls

Respiratory Protection:APPROPRIATE RESPIRATOR SELECTED & USED IN ACCORDANCE /OSHA SUBPART I REQUIRED WHEN EXPOSURE TO AIRBORNE CONTAMNIANT IS LIKELY TO EXCEED ACCEPTABLE LIMITS.
Ventilation:ADEQUATE VENTILATION SHOULD BE PROVIDED TO KEEP DUST CONCENTRATIONS Protective Gloves:IMPERVIOUS
Eye Protection:CHEMICAL GOGGLES
Work Hygienic Practices:REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
ANIMAL STUDIES W/ACRYLAMIDE MONOMER HAVE RESULTED IN SLIGHT EYE/SKIN IRRITATION. REPRODUCTIVE EFFECTS IN MALE & FEMALE ANIMALS & DEVELOPMENT OF NEOPLASIA HAVE OCCURRED AFTER INGESTION. TOXIC EFFECTS O N NERVOUS SYSTEM HAS BEEN PRODUCED BY ALL ROUTES OF ADMINISTRATION. NO MUTAGENIC EFFECTS HAVE BEEN FOUND IN VITRO ASSAY.

Chemical Properties

Spec Gravity:0.67
pH:8.5
Evaporation Rate & Reference:SLOWER THAN BU AC
Solubility in Water:COMPLETE
Appearance and Odor:WHITE POWDER; MILD CHEMICAL ODOR
Percent Volatiles by Volume:NEG

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS
Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAME
Hazardous Decomposition Products:CO, CO2, AMMONIA, & NITROGEN OXIDES

Disposal

Waste Disposal Methods:INCINERATION OF COMBUSTIBLE WASTE IS THE PREFERRED DISPOSAL METHOD. LANDFILLING IN A LICENSED FACILITY EQUIPPED W/LEACHAGE COLLECTION IN ACCORDANCE TO LOCAL, STATE, & FEDERAL REGULATIONS.

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.