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MINNESOTA MINING & MFG CO INDUSTRIAL CHEM PRODUCTS -- FC-206CF LIGHT WATER BRAND AQUEOUS FILM FORMING FOAM -- 4210-01-056-0883

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

Product ID:FC-206CF LIGHT WATER BRAND AQUEOUS FILM FORMING FOAM

MSDS Date:05/31/1993

FSC:4210

NIIN:01-056-0883

MSDS Number: BNBSW === Responsible Party ===

Company Name: MINNESOTA MINING & MFG CO INDUSTRIAL CHEM PRODUCTS

Address:3M CTR

Ci

ty:ST PAUL State:MN ZIP:55144 Country:US

Info Phone Num:612-733-1000

Emergency Phone Num:612-733-5454

CAGE:28112

=== Contractor Identification ===

Company Name: MINNESOTA MINING AND MFG CO PERFOMANCE CHEM AND FLUIDS DIV

Address:3M CTR Box:City:SAINT PAUL

State:MN

ZIP:55144-1000 Country:US

Phone:800-364-3577/651-737-6501

CAGE:28112

======= Composition/Information on Ingredients ========

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000 Fraction by Wt: 78-81%

Ingred Name:DIETHYLENE

GLYCOL MONOBUTYL ETHER

CAS:112-34-5

RTECS #:KJ9100000 Fraction by Wt: 9.5-10%.

Other REC Limits:MFR 35 PPM

Ingred Name: UREA

CAS:57-13-6

RTECS #:YR6250000 Fraction by Wt: 3-7%

Ingred Name:TRIETHANOLAMINE

CAS:102-71-6

RTECS #:KL9275000 Fraction by Wt: 0.1-1.0%

Ingred Name: H-BENZOTRIAZOLE, METHYL-

CAS:29385-43-1 Fraction by Wt: 0.1%

Ingred Name:ALKYL SULFONATE SALTS (2) + (5809P, 5810P)

Fraction by Wt: 1-5%

Other REC Limits: NONE RECOMMENDED

Ingred Name: AMPHOTERIC FLUOROALKYLAMIDE + (5807P)

Fra

ction by Wt: 1-2%

Other REC Limits: NONE RECOMMENDED

Ingred Name:FLUOROALKYLAMIDE DERIVATIVE (AMPHOTERIC) (% LISTED AS

"TRADE SECRET.)

Other REC Limits: NONE RECOMMENDED

Ingred Name:PERFLUOROALKYL SULFONATE (% LISTED AS "TRADE SECRET")

Other REC Limits: NONE RECOMMENDED

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

LD50 LC50 Mixture: NO INFORMATION GIVEN ON MSDS BY MFR.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO

OSHA:NO

Health Hazards Acute and Chronic:EYE:MODERATE IRRITATION. SKIN:MODERATE IRRITATION. MAY BE ABSORBED IN TOXIC AMOUNTS W/PROLONGED/REPEATED CONTACT. INHALED:ACUTE OVEREXPOSURE MAY CAUSE CNS DEPRESSION, RESPIRATORY IRRITATION. CHRONIC OVEREXPOSURE MAY CAUSEBLOOD DISORDERS, BONE MARROW DEPRESSION, LIVER & KIDNEY EFFECTS, PULMONARY EDEMA. INGEST:UNLIKLY.

Explanation of Carcinogenicity:THIS PRODUCT CONTAINS NO INGREDIENT AT 0.1% OR GREATER THAT IS LISTED BY IARC, NTP

OR OSHA AS A

CARCINOGEN.

Effects of Overexposure:EYE:REDNESS, SWELLING, PAIN. SKIN:REDNESS SWELLING, ITCHING.INHALED:HEADACHE, DIXZZINESS, DROWSINESS, INCOORDINATION, SLURRED SPEACH. INHALED-CHRONIC:PROLONGED WEAKNESS OR FATIGUE, REDUSCE URINE VOLU ME, BLOOD IN URINE, JAUNDICE, ABDOMINALTENDERNESS, COUGHING, CONGESTION, RESPIRATORY FAILURE. INGESTED:NOT GIVEN.

Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN ON MSDS BY MFR.

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id Measures	==========	====	===	===

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR. EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. INHALED:REMOVE TO FRES H AIR. AID/RESTORE BREATHING IF NECESSARY. INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER TO DILUTE & GET IMMEDIATE MEDICAL CARE. NOTHING BY MOUTH IF UNCONSCIOUS.

===		Fire	Fighting	Measur
es	=======================================			

Flash Point Method:SCC

Flash Point:NONE

Extinguishing Media: THIS PRODUCT IS A FIRE EXTINGUISHING AGENT.

Fire Fighting Procedures: "NOT APPLICABLE"

Unusual Fire/Explosion Hazard:DECOMPOSITION OF USEAGE CONCENTRATIONS DOES NOT PRESENT A HAZARD.

	Accidental Release Measures	
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Spill Release Procedures:OBSERVE PRECAUTIONS FROM OTHER SECTIONS. COVER WITH ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL. CLEAN UP RESIDUE WITH WATE

