

MSDS Safety Information

FSC: 4210
NIIN: 01-056-0883
MSDS Date: 04/17/1998
MSDS Num: CFYNT
Product ID: FC-206CF, LIGHT WATER BRAND AQUEOUS FILM FORMING FOAM
MFN: 07
Responsible Party
Cage: 28112
Name: MINNESOTA MINING & MFG CO INDUSTRIAL CHEM PRODUCTS
Address: 3M CTR
City: ST PAUL MN 55144
Info Phone Nu
mber: 612-733-5454
Emergency Phone Number: 612-733-5454
Resp. Party Other MSDS No.: 10-4323-1
Proprietary Ind: Y
Published: Y

Contractor Summary

Cage: 28112
Name: MINNESOTA MINING AND MFG CO PERFORMANCE CHEM AND FLUIDS DIV
Address: 3M CTR
City: SAINT PAUL MN 55144-1000
Phone: 800-364-3577/651-737-6501

Item Description Information

Item Manager: S9I
Item Name: FOAM LIQUID,FIRE EXTINGUISHING
Specification Number: MIL-F-24385
Type/Grade/Class: TYPE 6
Unit of Issue: DR
Quantitative Expression: 00000000055GL
UI Container Qty: 1
Type of Container: DRUM

Ingredients

Name: *** PROPRIETARY ***

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Health Hazards Data

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LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: MODERATE EYE IRRITATION. MILD SKIN IRRITATION. SKIN MAY ABSORB HARMFUL AMOUNTS. SINGLE OVEREXPOSURE, MAY CAUSE CENTRAL NERVOUS SYSTEM

DEPRESSION & IRRITATION (UPPER RESPIRATORY), BLOOD DISORDERS, BONE MARROW DEPRESSION, KIDNEY EFFECTS, LIVER EFFECTS, PULMONARY EDEMA. INGESTION IS NOT A LIKELY ROUTE EXPOSURE.

Explanation Of Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs And Symptoms Of Overexposure: EYE:REDNESS, SWELLING, PAIN, TEARING & HAZY VISION. SKIN:REDNESS, SWELLING, & ITCHING. INHALATION:HEADACHE, DIZZINESS, DROWSINESS, INCOORDINATION, SLOWED REACTION TIME, SLURRED SPEECH, GIDDINESS & UNCONSCIOUSNESS. SORENESS OF THE NOSE & THROAT, COUGHING AND SNEEZING.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES:IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN:FLUSH SKIN WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET IMMEDIATE MEDICAL ATTENTION. INHALATION:REMOVE PERSON TO FRESH AIR. IF SYMPTOMS CONTINUE, CALL A PHYSICIAN. INGESTION:DRINK TWO GLASSES OF WATER. CALL A PHYSICIAN IMMEDIATELY.

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Handling and Disposal

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Spill Release Procedures: OBSERVE PRECAUTIONS FROM OTHER SECTIONS. COVER WITH ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL. CLEANUP RESIDUE WITH WATER. PLACE IN APPROVED METAL CONTAINER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: SLOWLY DISCHARGE SPENT SOL & SMALL AMOUNTS (<5 GAL) TO A WASTE WATER TREATMENT SYSTEM. REDU

CE DISCHARGE RATE IF FOAMING
OCCURS. INCINERATE BULK PRODUCT IN AN INDUSTRIAL OR COMMERCIAL INCINERATOR.
SEE WITH APPLICABLE REGULATIONS.
Handling And Storage Precautions: STORE IN A COOL PLACE. STORE AWAY FROM HEAT.
STORE OUT OF DIRECT SUNLIGHT. KEEP CONTAINER DRY. KEEP CONTAINER IN WELL-
VENTILATED AREA.
Other Precautions: KEEP CONTAINER TIGHTLY CLOSED.

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Fire and Explosion Hazard Information

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Flash Point Method: SCC
Flash Point Text: NONE
Extinguishing Media: PRODUCT IS A FIRE EXTINGUISHING AGENT.
Unusual Fire/Explosion Hazard: SEE HAZARDOUS DECOMPOSITION PRODUCTS SECTION FOR
PRODUCTS OF COMBUSTION.

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Control Measures

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Respiratory Protection: AVOID BREATHING OF VAPORS, MISTS OR SPRAY. SELECT ONE
OF THE FOLLOWING NIOSH APPROVED RESPIRATORS BASED ON AIRBOR
NE CONCENTRATION
OF CONTAMINANTS & I/A/W OSHA REGULATIONS: HALF MASK ORGANIC VAPOR RESP
IRATOR WITH DUST/MIST PREFILTER.
Ventilation: USE WITH ADEQUATE DILUTION VENTILATION.
Protective Gloves: BUTYL RUBBER GLOVES RECOMMENDED.
Eye Protection: WEAR VENTED GOGGLES.
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices: WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE
EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
Supplemental Safety and Health: NO SMOK
ING: SMOKING WHILE USING THIS PRODUCT
CAN RESULT IN CONTAMINATION OF THE TOBACCO AND/OR SMOKE AND LEAD TO THE
FORMATION OF THE HAZARDOUS DECOMPOSITION PRODUCTS PRODUCTS MENTIONED IN
SECTION 4 O F THIS MSDS.

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Physical/Chemical Properties

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HCC: N1
NRC/State LIC No: NONE
Boiling Point: =100.C, 212.F
M.P/F.P Text: NOT GIVEN
Decomp Text: UNKNOWN
Vapor Pres: 17.8
Vapor Density: 0.69
Spe

c Gravity: 1.03
PH: 8.50
VOC Grams/Liter: 103
Solubility in Water: MISCIBLE
Appearance and Odor: CLEAR, AMBER COLORED LIQUID
Percent Volatiles by Volume: 90
Corrosion Rate: UNKNOWN

Reactivity Data

Stability Indicator: YES
Materials To Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, OXIDES OF SULFUR, HYDROGEN CYANIDE, HYDROGEN FLUORIDE, AMMONIA.
THERMAL DECOMPOSITION OF USAGE CONCENTRATIONS DOES NOT PRESENT A HAZARD.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: WILL NOT OCCUR.

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: 28112
Trans ID NO: 103798
Product ID: FC-206CF, LIGHT WATER BRAND AQUEOUS FILM FORMING FOAM
MSDS Prepared Date: 04/17/1998
Review Date: 01/13/1998
MFN: 7
Net Unit Weight: 458.0 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: DR
Container QTY: 1
Type Of Container: DRUM

Detail DOT Information

DOT PSN Code: ZZZ
DOT Proper Shippi

ng Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information

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IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information

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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPOR
RTATION

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Detail AFI Information

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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label

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

Cage: 28112

Company Name: MINNESOTA MINING AND MFG CO PERFORMANCE CHEM AND F
LUIDS DIV

Street: 3M CTR

City: SAINT PAUL MN

Zipcode: 55144-1000

Health Emergency Phone: 612-733-5454

Label Required IND: Y

Date Of Label Review: 01/13/1998

Status Code: C

MFG Label NO: NONE

Label Date: 01/13/1998

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET-ORGANS:NONE MODERATE EYE IRRITATION. MILD SKIN
IRRITATION. SKIN MAY ABSORB H

ARMFUL AMOUNTS. SINGLE OVEREXPOSURE, MAY CAUSE
CENTRAL NERVOUS SYSTEM DEPRESSION & IRRITATION (UPPER RESPIRATORY), BLOOD DISORDERS, BONE MARROW DEPRESSION, KIDNEY EFFECTS, LIVER EFFECTS, PULMONARY EDEMA. INGESTION IS NOT A LIKELY ROUTE EXPOSURE. STORE IN A COOL PLACE. STORE AWAY FROM HEAT. STORE OUT OF DIRECT SUNLIGHT. KEEP CONTAINER DRY. KEEP CONTAINER IN WELL-VENTILATED AREA. IN CASE OF SPILL: OBSERVE PRECAUTIONS FROM OTHER SECTIONS. COVER WITH ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL. CLEANUP RESIDUE WITH WATER. PLACE IN APPROVED METAL CONTAINER.

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