

MSDS Safety Information

FSC: 4210
NIIN: 01-056-0883
MSDS Date: 12/17/1999
MSDS Num: CJMTN
Product ID: FC-206CF LIGHT WATER AFFF6%
MFN: 08
Responsible Party
Cage: 28112
Name: MINNESOTA MINING & MFG CO INDUSTRIAL CHEM PRODUCTS
Address: 3M CTR
City: ST PAUL MN 55144
Info Phone Number: 612-733-5454
Emergen
cy 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 ***

Health Haza

rds Data

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), PROLONG/REP OVEREXPO M AY CAUSE BLOOD DISORDERS, BONE MARROW DEPRESS

ION, 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.NOT KNOWN TO CONTAIN ANY SUBSTANCES REGULATED UNDER CA PROP 65.

Signs And Symptions Of Overexposure: EYE:REDNESS, SWELLING, PAIN, TEARING &

HAZY VISION. SKIN:REDNESS, SWELLING, & ITCHING. INHALATION:HEADACHE,

DIZZINESS, DROWSINESS, INCO

ORDINATION, SLOWED REACTION TIME, SLURRED SPEECH,

GIDDINESS & UNCONSCIOUSNESS. SORENESS OF THE NOSE & THROAT, COUGHING

AND SNEEZING.PROLONGED WEAKNESS,FTG;REDUCED URINE VOL,BLOOD IN URINE,BACK

PAIN;YELLOW SKIN(JAUDICE),TENDERNESS OF UPPER ABD;COUGH,CONGESTION,DIFF

BREATH-RESULT IN RESP FAILURE,DEATH.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES:IMMED FLUSH W/LG AMTS OF H2O FOR @LEAST 15 MINS. GET MEDICAL

ATTEN. SKIN:FLUSH SKIN WITH LARG

E 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.

Handling and Disposal

Spill Release Procedures: OBSERVE PRECAUTIONS FROM OTHER SECTIONS.VENTILATE

AREA.CONTAIN SPILL.COVER W/ABSORBENT MATL.COLLECT SPILLED

MATL.CLEANUP

RESIDUE W/H2O.PLACE IN APPROV METAL CNTNR.SEAL CNTNR.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISCHARGE SPENT SOLNS TO WASTEH2O TREAT SYS.RED

DISCHARGE RATE IF FOAM OCCURS.LG QUANT MAY ADVERS AFFECT BIO WASTEH2O TREAT

SYS.INCINERATE IN INDUST/COMMER FAC IN PRESENCE OF COMBUST MATL.COMBUST PROD

S WILL INCLUDE HF.SINCE REGS VARY CONSULT APPLIC REGS/AUTHOR BEF DISPO.IN

EVENT OF UNCNTRL RELEASE O F MATL,USER SHOULD DETERMINE(SEE OTHER INFO)

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.NONFLAMMABLE.NO
SMOKING:SMOKING WHILE USING PROD CAN RESULT IN CONTAM OF TOBACCO &/OR
SMOKE &; LEAD TO FORMATION OF HAZ DECOMPO PRODUCTS MENTIONED IN MSDS.

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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 RES
PIRATORS BASED ON AIRBORNE 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: DONT EAT/DRINK/SMOKE WHEN USING THIS PROD.WASH EXPO
AREAS WELL W/SOAP/H2O.WAH HANDS AFT HNDLG/BEF EATING.AVOID EYE CON
TACT

W/VAP/SRPAY/MIST.AVODI SKIN CONTACT.WEAR APPROP GLOVES WHEN HDNLG THIS MATL.

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Physical/Chemical Properties

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HCC: N1

NRC/State LIC No: NONE

Boiling Point: =100.C, 212.F

Decomp Text: UNKNOWN

Vapor Pres: 17.8

Vapor Density: 0.69

Spec 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

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Reactivity Data

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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.

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Toxicological Information

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Ecological Information

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Ecological: A PRODUCT ENVIRONMENTAL DATA SHEET (PED)IS AVAILABLE.

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MSDS Transport Information

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Regulatory Information

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Sara Title III Information: PRODUCT CONTAINS FOLLOWING TOXIC CHEM/CHEMS SUBJ TO REPORTING REQMTS OF SEC 313 OF TITLE III OF EPRA OF 1986 & 40CFR PART 372:DIETHYLENE GLYCOL BUTYL ETHER.

Federal Regulatory Information: VOC IAW SOUTH COAST AIR QUALITY MGMT DIST METHOD CALC. @20C.VOC LESS H2O & EXEMPT SOLVTS:N/D.

State

Regulatory Information: THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY SUBSTANCES REGULATED UNDER CAL PROP 65.

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Other Information

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Other Information: CONTD DISPO:IF RELEASE QUALIFIES AS REPORTABLE QUANTITY.US EPA HAZ WASTE#:NONE(NO US EPA HAZ).

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Transportation Information

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Respo

nsible Party Cage: 28112
Trans ID NO: 148687
Product ID: FC-206CF LIGHT WATER AFFF6%
MSDS Prepared Date: 12/17/1999
Review Date: 09/25/1999
MFN: 8
Net Unit Weight: 56.65LBS
Multiple KIT Number: 0
Unit Of Issue: DR
Container QTY: 1
Type Of Container: DRUM

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Detail DOT Information
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DOT PSN Code: ZZZ
DOT Proper Shipping 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 TRANSPORTATION
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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 AFFF6%
Cage: 28112
Company Name: MINNESOTA MINING AND MFG CO PERFORMANCE CHEM AND FLUIDS DIV
Street: 3M CTR
City: SAINT PAUL MN
Zipcode: 55144-1000
Health Emergency Phone: 612-733-545

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Label Required IND: Y
Date Of Label Review: 09/25/1999
Status Code: A
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Respiratory Protection IND: YES
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: None
Reactivity Hazard: None

Hazard And Precautions: MODERATE EYE IRRITATION. MILD SKIN IRRITATION. SKIN MAY
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SYSTEM
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CAUSE BLOOD DISORDERS, BONE MARROW DEPRESSION, KIDNEY EFFECTS, LIVER EFFECTS,
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