

GENERAL FIRE EXTINGUISHER CORP -- FIRE EXTINGUISHER FOAM, ALUMINUM SULFATE, P --
4210-00-223-9874

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

Product ID:FIRE EXTINGUISHER FOAM, ALUMINUM SULFATE, P

MSDS Date:02/02/1993

FSC:4210

NIIN:00-223-9874

Kit Part:Y

MSDS Number: BPWWW

=== Responsible Party ===

Company Name:GENERAL FIRE EXTINGUISHER CORP

Address:1685 SHERMER RD

City:NORTHBROOK

State:IL

ZIP:60062-5315

Country:US

Info Phone Num:708-272-7500

Emergency Phone Num:708-272-7500

Preparer's Name:DGSC-SSH

CAGE:99539

=== Contractor Identification ===

Company Name:GENERAL FIRE EXTINGUISHER CORP

Address:1685 SHERMER RD

Box:City:NORTHBROOK

State:IL

ZIP:60062-5315

Country:US

Phone:(708) 847-272-7500; 847-272-7500

CAGE:99539

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

Ingred Name:ALUMINUM SULFATE (SARA III)

CAS:10043-01-3

RTECS #:BD1700000

Fraction by Wt: > 98%

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:WATER INSOLUBLE MATTER
Fraction by Wt: < 0.5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:IRON OXIDE
CAS:1309-37-1
RTECS #:NO7400000
Fraction by Wt: < 0.75%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3 (FE)
ACGIH TLV:5 MG/M3(FE),B2; 9293

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

LD50 LC50 Mixture:ORAL LD50 (MOUSE): 10800 MG/KG

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

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Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: DUST OR MIST MAY CAUSE
RESPIRATORY TRACT IRRITATION. INGESTION: GASTROINTESTINAL TRACT
IRRITATION, NAUSEA, VOMITING, AND PURGING. SKIN: IRRITATION. EYES:
IRRITATION AND BURNS. HUMAN FATAL DOSE RECORDED AT 30 GMS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: DUST OR MIST MAY CAUSE RESPIRATORY
TRACT IRRITATION. INGESTION: GASTROINTESTINAL TRACT IRRITATION,

NAUSEA, VOMITING, AND PURGING. SKIN: IRRITATION. EYES: IRRITATION
AND BURNS.

===== First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER FOR AT LEAST 15 MINS. SKIN: FLUSH WITH
PLENTY OF WATER AND SOAP. INHALATION: REMOVE TO FRESH AIR.
INGESTION: IF CONSCIOUS, GIVE PLENTY OF WATER OR MILK. INDUCE
VOMITING BY TOUCHING FINGER TO BACK OF THROAT. OBTAIN MEDICAL
ATTENTION IN ALL CASES.

===== Fire Fighting Measures

Flash Point:NON-FLAMMABLE

Extinguishing Media:NON-FLAMMABLE. USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:HYDROLYZES READILY TO FORM SULFURIC ACID, WHICH IS CORROSIVE AND IRRITATING.

===== Accidental Release Measures =====

Spill Release Procedures:SHOVEL UP DRY CHEMICAL, PLACE IN EMPT
Y

CONTAINER AND COVER. SPRAY RESIDUE WITH PLENTY OF WATER. NEUTRALIZE FURTHER RESIDUE WITH ALKALI (SODA ASH, LIME, LIMESTONE). ADEQUATE VENTILATION REQUIRED IF SOD A ASH OR LIMESTONE IS USED, DUE TO CO2 RELEASE.

Neutralizing Agent:ALKALI SUCH AS SODA ASH, LIME OR LIMESTONE

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY AREA. AVOID CONTACT WITH SKIN, EYES, CLOTHING, AND BREATHING DUST OR MIST.

Other P

recautions:WHEN USING CARBONATES FOR NEUTRALIZATION, ADEQUATE PRECAUTIONS SHOULD BE TAKEN TO MINIMIZE HAZARDS AND PRESSURE BUILD-UP FROM CO2 GAS EVOLUTION. DON'T WEAR CONTACT LENSES.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE A NIOSH APPROVED RESPIRATOR FOR DUSTS OR MISTS.

Ventilation:LOCAL EXHAUST IF DUSTY OR MISTY CONDITION PREVAILS TO KEEP 1400F.

Hazardous Decomposition Products:SULFUR OXIDE GASES OR TOXIC, OXIDIZERS, AND CORROSIVE GASES.

===== Disposal Considerations =====

Waste Disposal Methods:FLUSH MATERIAL TO SEWER WITH PLENTY OF WATER IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DISPOSE NEUTRALIZED WASTE BY AN APPROVED CONTRACTOR.

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