

GENERAL FIRE EXTINGUISHER CORP -- FIRE EXTINGUISHER FOAM,SODIUM BICARBONATE,P --
4210-00-223-9874

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

Product ID:FIRE EXTINGUISHER FOAM,SODIUM BICARBONATE,P

MSDS Date:02/02/1993

FSC:4210

NIIN:00-223-9874

Kit Part:Y

MSDS Number: BPWWV

=== 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

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

Ingred Name:SODIUM BICARBONATE

CAS:144-55-8

RTECS #:VZ0950000

Ingred Name:FOAMING AGENTS

Other REC Limits:NONE R

ECOMMENDED

Ingred Name:FOAM STABILIZERS
Other REC Limits:NONE RECOMMENDED

Ingred Name:PRESERVATIVES (IF NECESSARY)
Other REC Limits:NONE RECOMMENDED

Ingred Name:FLUIDIZING MATERIALS (IF NECESSARY)
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 ORAL RAT IS 4220 MG/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATIO
N: IRRITATE NOSE, THROAT &
LUNGS. INGESTION: HARMFUL, IRRITATION TO MOUTH, ESOPHAGUS, STOMACH.
LOW TOXICITY. SKIN/EYES: BURNS AND IRRITATION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: IRRITATION TO NOSE, THROAT & LUNGS.
INGESTION: HARMFUL, IRRITATION OF MOUTH, ESOPHAGUS, STOMACH. LOW
TOXICITY. SKIN/EYES: BURNS AND IRRITATION.

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

First Aid:SKIN: WASH WITH PLENTY OF WATER. EYES: FLUSH
WITH PLENTY OF
WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. INGESTION:
DRINK LARGE QUANTITIES OF WATER TO DILUTE THE MATERIAL. CONSULT
PHYSICIAN.

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===== Fire Fighting Measures =====

Extinguishing Media:NON-FLAMMABLE. USE EXTINGUISHING MEDIA APPROPRIATE
FOR SURROUNDING FIRE.
Fire Fighting Procedures:BECAUSE CO2 GAS MAY BE PRESENT, WEARING A
NIOSH APPROVED SELF-CONTAINED RESPIRATOR MAY BE REQUIRED.
Unusual Fire/Explosion Hazard:CO2 IS

RELEASED WHEN MATERIAL IS HEATED.

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

Spill Release Procedures: SHOVEL UP DRY CHEMICAL AND PLACE IN METAL DRUM WITH COVER. CAUTIOUSLY SPRAY RESIDUE WITH PLENTY OF WATER. DISSOLVE IN WATER. NEUTRALIZE WITH ACID AND FLUSH TO SEWER WITH PLENTY OF WATER IF PERMITTED BY APPLICABLE DISPOSAL REGULATIONS.

Neutralizing Agent: 5% ACETIC ACID.

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

Handling and Storage

Precautions: STORE IN A COOL DRY AREA AWAY FROM ACIDS. PROLONGED STORAGE MAY CAUSE PRODUCT TO CAKE FROM ATMOSPHERIC MOISTURE.

Other Precautions: THIS PRODUCT IS NOT FOR FOOD OR DRUG USE UNLESS MATERIAL IS LABELED USP OR FOOD GRADE AS APPLICABLE. VENTILATION SHOULD MAINTAIN DUST LEVELS CONSISTENT WITH ACCEPTED INDUSTRIAL HYGIENE AND HOUSEKEEPING PRACTICES. DON'T WEAR CONTACT LENSES.

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

Respiratory Protection:

WHERE REQUIRED, USE A RESPIRATOR APPROVED BY NIOSH FOR PRODUCT DUSTS.

Ventilation: MECHANICAL EXHAUST SYSTEMS FOR PACKAGING, UNLOADING AREAS AND OPENED PROCESSING EQUIPMENT.

Protective Gloves: COTTON, IMPERVIOUS

Eye Protection: CHEMICAL SAFETY GOGGLES

Other Protective Equipment: LONG-SLEEVE SHIRT & TROUSERS.

Work Hygienic Practices: VENTILATION SHOULD MAINTAIN DUST LEVELS CONSISTENT WITH GENERALLY ACCEPTED INDUSTRIAL HYGIENE AND HOUSEKEEPING PRACTICES

Supplemental Safety and Health

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Y1:N1. MSDS GENERATED BY DGSC-SSH. COMPANY SAID PRODUCT WAS MADE BEFORE HAZARD COMMUNICATIONS STANDARD. NO MSDS AVAILABLE.

===== Physical/Chemical Properties =====

HCC:N1

Spec Gravity: 2.159

Solubility in Water: 100

Appearance and Odor: WHITE POWDER.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

ACIDS.

Stability Condition to Avoid: HIGH HEAT.

Hazardous Decomposition Products: ACRID SMOKE, FUMES AND CA

RBON DIOXIDE.

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

Waste Disposal Methods:DISPOSAL MUST COMPLY WITH FEDERAL, STATE & LOCAL DISPOSAL OR DISCHARGE LAWS. GOOD VENTILATION IS REQUIRED DURING NEUTRALIZATION. NEUTRALIZED WASTE MAY HAVE TO BE DISPOSED OF BY AN APPROVED CONTRACTOR.

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