

GENERAL FIRE EXTINGUISHER CORP -- GENERAL PURPLE-K DRY CHEMICAL -- 4210-00-808-4545  
===== Product Identification =====

Product ID:GENERAL PURPLE-K DRY CHEMICAL  
MSDS Date:02/10/1989  
FSC:4210  
NIIN:00-808-4545  
MSDS Number: BKBXY  
=== Responsible Party ===  
Company Name:GENERAL FIRE EXTINGUISHER CORP  
Address:1685 SHERMER RD  
City:NORTHBROOK  
State:IL  
ZIP:60062-5315  
Country:US  
Info Phone Num:312-272-7500  
Emergency Phone Num:312-729-8800  
Preparer's Name:WILLIAM R. WARNOCK  
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:POTASSIUM BICARBONATE  
CAS:298-14-6  
Other REC Limits:NONE SPECIFIED

Ingred Name:NON HAZARDOUS INGREDIENT(S)  
Other REC Limits:NONE  
SPECIFIED

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

LD50 LC50 Mixture:TLV (NUISANCE DUST) 10 MG/M3 ACGIH  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES/SKIN: PROLONGED CONTACT CAN CAUSE  
IRRITATION. AVOID BREATHING OF VAPOR. CHRONIC OVEREXPOSURE COULD  
RESULT IN FIBROSIS OF THE LUNG, PNEUMOCONIOSIS  
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PR

ODUCT IS

LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:IRRITATION OF EYES/SKIN/RESPIRATORY TRACT.

INHALATION OF MATERIAL IS AS MINERAL DUST AND MAY RESULT IN  
TRANSIENT COUGH AND SHORTNESS OF BREATH.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND  
RESPIRATORY DISORDERS (REACTIVE AIRWAY) MAY BE AT INCREASED RISK  
FROM EXPOSURE.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH  
PLENTY OF WARM WATER FOR 15

MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR. INGESTION:IF PATIENT IS  
CONSCIOUS, GIVE LARGE AMOUNTS OF WATER AND INDUCE VOMITING. SEEK  
MEDICAL HELP.

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

Extinguishing Media:THIS MATERIAL IS AN EXTINGUISHING AGENT

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS

. EVACUATE AREA. COOL

FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:MOP OR WIPE UP SPILL. CAREFULLY USE VACUUM TO  
AVOID CREATING DUST.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY,  
WELL VENTILATED

AREA IN ORIGINAL CONTAINER. KEEP CONTAINER CLOSED WHEN NOT IN USE.  
PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION  
EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS  
PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND  
NIOSH-RESPIRATOR SELECTION. USE PARTICLE MASK 3M 8506 IF P

POSSIBLE.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:IF IRRITATION OCCURS, LONG SLEEVES AND IMPERVIOUS GLOVES SHOULD BE WORN.

Work Hygienic Practices:KEEP DUST LEVELS TO MINIMUM. PROTECT FROM MOISTURE. WASH FROM EYES WITH WARM WATER. WASH EXPOSED SKIN WITH SOAP / WATER.

Supplemental Safety and Health  
DO NOT MIX WITH OTHER AGENTS.

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

HCC:N1

Spec Gravity:2.17

Solubility in Water:WATER REPELLANT 94%

Appearance and Odor:FINE PURPLE POWDER

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

Stability Indicator/Materials to Avoid:YES

DO NOT MIX WITH AMMONIUM DIHYDROGEN PHOSPHATE BASE FIRE EXTINGUISHER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON DIOXIDE, POTASSIUM CARBONATE

===== Disposal C  
onsiderations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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