

HAROLD D. HARD COMPANY -- EXTINGUISHER CHARGE, SODA-ACID, PART B -- 4210-00-223-9888

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

Product ID:EXTINGUISHER CHARGE, SODA-ACID, PART B

MSDS Date:07/10/1991

FSC:4210

NIIN:00-223-9888

MSDS Number: BKJHF

=== Responsible Party ===

Company Name:HAROLD D. HARD COMPANY

Address:2040 OAKLAND PARK AVENUE

City:COLUMBUS

State:OH

ZIP:43224-3848

Country:US

Info Phone Num:614-

471-9700

Emergency Phone Num:614-471-9700

Preparer's Name:DGSC-SSH

CAGE:KO670

=== Contractor Identification ===

Company Name:HARD HAROLD D CO

Address:2040 OAKLAND PARK AVE

Box:City:COLUMBUS

State:OH

ZIP:43224-3848

Country:US

Phone:614-471-9700

CAGE:24871

Company Name:HAROLD D. HARD COMPANY

Address:2040 OAKLAND PARK AVENUE

Box:City:COLUMBUS

State:OH

ZIP:43224-3848

Country:US

Phone:614-471-9700

CAGE:KO670

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

Ingred Name:SULFURIC A

CID (SARA III)  
CAS:7664-93-9  
RTECS #:WS5600000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: BURNS, SEVERE IRRITATION OF SKIN, EYES, MOUTH, THROAT, ESOPHAGUS AND STOMACH. INFLAMMATION OF BRONCHIAL MEMBRANES. CHRONIC: EROSION OF TEETH,INFLAMMATION OF NOSE, THROAT AND BRONCHIAL TUBES.  
Effects of Overexposure:COUGH, INCREASED RESPIRATORY RATE, STINGING, BURNING SENSATION ON SKIN, EYE IRRITATION,DISCOLORATION OF TEETH.  
Medical Cond Aggravated by Exposure:EXPOSURE TO MISTS MAY CAUSE LUNG DAMAGE AND AGGRAVATE PULMONARY CONDITIONS.

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

First Aid:EYES/SKIN: FLUSH WITH PLENTY OF WATER. SEE DOCTOR IMMEDIATELY. REMOVE CONTAMINATED CLOTHING AND SHOES. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR. INGESTION: DO NOT INDUCE VOMITING. GIVE MILK OR WATER, FOLLOWED BY 2 OUNCES OF MILK OF MAGNESIA (NO CARBONATES). SEE DOCTOR IMMEDIATELY.

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

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

IRE.

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

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

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

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT. DILUTE CAUTIOUSLY WITH WATER. COVER WITH SODA ASH OR QUICKLIME. SCOOP UP AND PLACE IN APPROPRIATE DISPOSAL CONTAINER.

Neutralizing Agent:SODA ASH (SODIUM CARBONATE) OR QUICKLIME (CALCIUM OXIDE).

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE AND HEAT.

Other Precautions:NONE

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS APPROPRIATE IN CASE OF A SPILL.

Ventilation:NO SPECIAL REQUIREMENT. GENERAL (MECHANICAL) VENTILATION IN CASE OF A SPILL.

Protective Gloves:RUBBER

Eye Protection:GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

KEY1:C1. EXTINGUISHER CONSISTS OF 2 1/2 GALLONS OF A SODIUM BICARBONATE SOLUTION AND 1/2 PINT OF SULFURIC ACID. THIS MSDS IS FOR SULFURIC ACID. MSDS FOR SODIUM BICARBONATE IS IN PARAT NUMBER INDICATOR A, SAME NSN.

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

HCC:C1

pH:LOW

Solubility in Water:COMPLETE

Appearance and Odor:VISCOUS, CLEAR LIQUID.

Corrosion Rate:N/KNOWN

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

Stability Indicator/Materials to Avoid:YES

NOT APPLICABLE. PRODUCT IS INSIDE A FIRE EXTINGUISHER.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES.

Hazardous Decomposition Products:SULFURIC ACID FUMES, SULFUR D

IOXIDE,  
SULFUR TRIOXIDE, CARBON DIOXIDE, HYDROGEN GAS.

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

Waste Disposal Methods:CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER.  
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL  
ENVIRONMENTAL REGUALTIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.