

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:614-4

71-9700

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

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State:OH

ZIP:43224-3848

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Phone:614-471-9700

CAGE:KO670

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

Ingred Name:SULFURIC AC

ID (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
SKI
N, 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 FI

RE.

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 PLAC

E 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 APPROPRIAT

E 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 PART 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 DI

OXIDE,
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.

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