

DOMINION CHEMICAL COMPANY -- BATTERY ACID -- 6810-00-823-8007

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

Product ID:BATTERY ACID

MSDS Date:01/01/1987

FSC:6810

NIIN:00-823-8007

MSDS Number: BFRCF

=== Responsible Party ===

Company Name:DOMINION CHEMICAL COMPANY

Address:PUDDLEDOCK RD

Box:1069

City:PETERSBURG

State:VA

ZIP:23803

Country:US

Info Phone Num:804-733-7628

Emergency Phone Num:804-733-7628

CAGE:9A273

=== Contractor Identification ===

Company Name:DOMINION CHEMICAL CO

Address:2050 PUDDLEDOCK RD

Box:1069

City:PETERSBURG

State:VA

ZIP:23803

Country:US

Phone:804-733-7628

CAGE:9A273

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

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 37%.

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

CAS:7732-18-5

RTECS #:ZC0110000

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 2140 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:**CORROSIVE** EYES:MAY CAUSE
IRRITATION AND BURN.SKIN:MAY CAUSE IRRITATION AND BURNS.INGEST:MAY
CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY
IRRITATION.CHRONIC:MAY DAMAGE KIDNEYS AND CAUSE ER OSION OF TOOTH
ENAMEL.
Explanat
ion of Carcinogenicity:SULFURIC ACID MISTS ARE CLASSIFIED
IARC-2B.
Effects of Overexposure:SEVERE BURNS TO EYES AND SKIN, RESPIRATORY
IRRITATION.
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING
RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER. SKIN: WASH WITH
SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL
RESPIRA
TION IF NEEDED. SKIN: REMOVE CONTAMINATED CLOTHING.
INGESTION: GIVE LA RGE AMOUNTS OF WATER, THEN MILK WITH EGG WHITES.
DO NOT INDUCE VOMITING. SEE A DOCTOR IMMEDIATELY.

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

Extinguishing Media:DRY CHEMICAL
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:SULFUR DIOXIDE AND HYDROGEN SULFIDE MAY
BE PRODUCED IN A FIRE. SULFURIC ACID ATTACKS MANY METALS RELEASING
FLAMMABLE HYDROGE
N GAS.

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

Spill Release Procedures:WEAR FULL PROTECTIVE CLOTHING. REMOVE
INGNITION SOURCES. NEUTRALIZE SPILL WITH LIME, LIMESTONE, OR SODA
ASH. FLUSH WITH WATER. DIKE AND CONTAIN.SOAK UP WITH AN INERT
ABSORBANT;PLACE IN A DOT APPROVED CONTAINER FOR DISPOSAL.RINSE
SPILL AREAWITH WATER
Neutralizing Agent:IME, LIMESTONE, OR SODA ASH.

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

Handling and

Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE AND WATER.

Other Precautions:REACTS VIOLENTLY WITH WATER ACCOMPANIED BY EVOLUTION OF HEAT. SULFURIC ACID ATTACKS MANY METALS RELEASING FLAMMABLE HYDROGEN GAS.

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

Respiratory Protection:NONE FOR NORMAL USE.

Ventilation:PROVIDE MECHANICAL (GENERAL/LOCAL EXHAUST) VENTILATION TO MAINTAIN