

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
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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.

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First Aid Measures
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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.

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Fire Fighting Measures
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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.

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Accidental Release Measures
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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.

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Handling and Storage
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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