

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

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Product Identification  
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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

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Composition/Information on Ingredients  
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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.

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

Respiratory Protection:NONE FOR NORMAL USE.

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