

DOMINION CHEMICAL COMPANY -- O-S-801,SULFURIC ACID,ELECTROLYTE,CL 4  
6810-00-236-0702

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

Product ID:O-S-801,SULFURIC ACID,ELECTROLYTE,CL 4

MSDS Date:01/01/1985

FSC:6810

NIIN:00-236-0702

MSDS Number: BDLSF

=== Responsible Party ===

Company Name:DOMINION CHEMICAL COMPANY

Address:PUDDLEDOCK RD

Box:1069

City:PETERSBURG

State:VA

ZIP:23803

Country:US

CAGE:9A273

=== Cont

actor 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: 28.3%

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

Routes of E

ntry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Effects of Overexposure:SKIN IRRITANT. SEVERE DAMAGE MAY OCCUR IF  
INDUCED INTO HUMAN EYES.

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

First Aid:IRRIGATE EYES WITH WATER. WASH CONTAMINATED AREA OF BODY WITH SOAP AND WATER. STOMACH WASH IF SWALLOWED. OXYGEN WITH USE OF INTERMITTENT POSITIVE PRESSURE BREATHING APPARATUS. 5% SOLUTION OF SODIUM BI CARBONATE AS A EROSOL MAY BE USED, AS WELL AS DECONGESTANT.

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

Extinguishing Media:SUITABLE DRY CHEMICAL. USE WATER WITH CARE. AVOID SPLATTERING.

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

Spill Release Procedures:COVER WITH SODIUM CARBONATE OR AN EQUAL MIXTURE OF SODA ASH AND SLAKED LIME. AFTER MIXING, ADD WATER IF NECESSARY TO FORM A SLURRY.  
Neutralizing Agent:SODA ASH OR LIME

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE. SEPARATE FROM CARBIDES, CHLORATES, FULMINATES, NITRATES, PICRATES, POWDERD METALS.  
Other Precautions:PREVENT CONTACT WITH WATER. AVOID CONTACT WITH COMBUSTIBLES.

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

Respiratory Protection:CHEMICAL CARTRIDGE RESPIRATOR  
Ventilation:GENERAL  
Protective Gloves:RUBBER  
Eye Protection:SAFETY GOGGLES  
Other Protecti

ve Equipment:RUBBER BOOTS.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

HCC:C1

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID

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

Stability Indicator/Materials to Avoid:YES

METALS, SULFIDES

Stability Condition to Avoid:HIGH HEAT, MOISTURE

Hazardous Decomposition Products:OXIDES OF SULFUR, HYDROGEN SUL

FIDE,

HYDROGEN GAS

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

Waste Disposal Methods:ADD SLOWLY TO A LARGE AMOUNT OF SOLUTION OF SODA ASH AND SLAKED LIME BY STIRRING. DISCHARGE SOLUTION INTO APPROVED STORAGE CONTAINER FOR CORROSIVES.

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