

NORTH STRONG INC -- SULFURIC ACID -- 6810-00-146-7520

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

Product ID:SULFURIC ACID

MSDS Date:01/01/1985

FSC:6810

NIIN:00-146-7520

MSDS Number: BDCKN

=== Responsible Party ===

Company Name:NORTH STRONG INC

Address:7322 WESTMORE RD

City:ROCKVILLE

State:MD

ZIP:20850-1260

Country:US

CAGE:KO272

=== Contractor Identification ===

Company Name:BIOCLINICAL LABORATORIES INC N

ORTH STRONG DIV

Address:7322 WESTMORE RD

Box:City:ROCKVILLE

State:MD

ZIP:20850-1260

Country:US

Phone:212-573-1200/FAX (9-1)908-454-3124

CAGE:9A714

Company Name:NORTH STRONG INC

Address:7322 WESTMORE RD

Box:City:ROCKVILLE

State:MD

ZIP:20850-1260

Country:US

CAGE:KO272

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

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 98%

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qt

y:1000 LBS

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Effects of Overexposure:SEVERE BURNS TO EYES OR SKIN. INHALATION  
INJURIOUS TO LUNGS.INGESTION - SEVERE INJURY OR DEATH

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===== First Aid Measures =====  
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First Aid:FOR CONTACT FLUSH SKIN OR EYES WITH PLENTY OF WATER FOR AT  
LEAST 15 MINUTES. FOR EYES OR SKIN BURNS, GET IMMEDIATE MEDICAL  
ATTENTION.

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===== Fire Fighting Measures =====  
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Fire Fighting Procedures:GAS MASK WITH SULFURIC ACID ABSORBING CANISTER  
APPROVED BY BUMIN.  
Unusual Fire/Explosion Hazard:SULFURIC ACID MIST OR SULFUR TRIOXIDE GAS  
CAN BE RELEASED AT HIGH TEMPERATURES.

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===== Accidental Release Measures =====  
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Spill Release Procedures:FLUSH WITH PLENTY OF WATER AND NEUTRALIZE ACID  
WITH SODA ASH, LIME, ETC. SODA ASH AND LIME WILL RELEASE CARBON  
DIOXIDE GAS REQUIRING VENTILATION.  
Neutralizing Agent:SODA ASH

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===== Handling and Storage =====  
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Handling and Storage Precautions:FLAMMABLE GAS GENERATED IN CONTAINERS  
OF SULFURIC ACID. SMOKING, OPEN LIGHTS, OR SPARKS MUST NOT BE  
PERMITTED IN SUCH AREAS.  
Other Precautions:ALWAYS ADD ACID TO WATER. ADDITIONAL DATA IN MCA  
SAFETY DATA SHEET SD-20.

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

ratory Protection:INDUSTRIAL CANISTER TYPE GAS MASK APPROVED BY US  
BUREAU OF MINES

Ventilation:AS REQUIRED TO REMOVE ANY MIST OF TOXIC GASES

Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:RUBBER APRONS, RUBBER SAFETY SHOES

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING

Supplemental Safety and Health

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

HCC:C1

Boiling Pt:B.P. Text:233F - 625F

Spec Gravity:1.8473

Solubility in Water:C

COMPLETE

Appearance and Odor:SLIGHTLY VISCOUS, CLEAR TO CLOUDY LIQUID.

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH COMBUSTIBLE MATERIALS, NITRATES, CARBIDES, METALS

Stability Condition to Avoid:HIGH HEAT

Hazardous Decomposition Products:OXIDES OF SULFUR, HYDROGEN SULFIDE,  
HYDROGEN GAS

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

Waste Disposal Methods:NEUTRALIZE ACID WITH ALKALI AND  
FLUSH TO SEWER

WITH PLENTY OF WATER IF PERMITTED BY LOCAL AND STATE REGULATIONS.  
IN SOME CASES WASTE MAY HAVE TO BE HAULED AWAY BY A DISPOSAL  
CONTRACTOR.

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