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HACH CO -- SULFURIC ACID STANDARD SOLUTION 1.00 N 1270 -- 6810-01-456-4687

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

Product ID:SULFURIC ACID STANDARD SOLUTION 1.00 N 1270

MSDS Date:05/07/1996

FSC:6810

NIIN:01-456-4687

Status Code:A

MSDS Number: CJDLC

=== Responsible Party ===

Company Name: HACH CO

Address:100 DAYTON RD

Box:907

City:AMES

State:IA

ZIP:50010-6402

Country:US

Info Phone Num:800-227-4224/515-2

32-2533

Emergency Phone Num:303-623-5716

Resp. Party Other MSDS Num.:MOD436

CAGE:4T252

=== Contractor Identification ===

Company Name: HACH COMPANY

Address:100 DAYTON RD.

Box:907

City:AMES

State:IA

ZIP:50010

Country:US

Phone:800-227-4224

Contract Num:SP0450-98-M-C037

CAGE:4T252

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

Ingred Name: SULFURIC ACID

CAS:7664-93-9

RTECS #:WS5600000

< Wt:10.

OSHA PEL:1 MG/M3 ACGIH TLV:1 MG/M3 ACGIH STEL:3 MG/M3 EPA Rpt Qty:1000 LBS

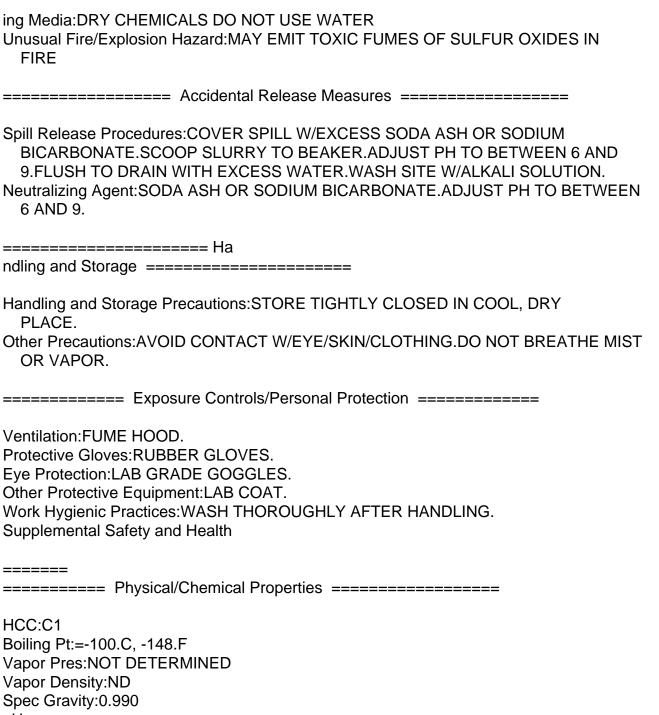
DOT Rp

t Qty:1000 LBS Ingred Name: OTHER COMPONENT < Wt:.1 Ingred Name:WATER CAS:7732-18-5 RTECS #:ZC0110000 Fraction by Wt: TO 100% Routes of Entry: Inhalation:NO Skin:UNKNOWN Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO Health Hazards Acute and Chronic: THIS PRODUCT MAY BE CORROSIVE TO EYES.IRRITATING TO RESPIRATORY TRACT.ACUTE TOXICITY:MODERATELY TOXIC.CHRONIC TOXICITY:NOT DETERMINED. Explanati on of Carcinogenicity: AN INGRED OF THIS MIXTURE IS KNOWN CARCINOGEN.THE IARC EVALUATION OF SULFURIC ACID WAS BASED ON EXPO TO MIST OR VAPOR OR CONCENTRATED SULFURIC ACID GENERATED DURING CHEMICAL PROCESS.TARGET ORGANS:NASA L CAVITY, PARANASAL SINUS, LUNGS, LARYNX. Effects of Overexposure: CAUSES EYE BURNS. MAY CAUS ERESPIRATORY TRACT IRRITATION.BREATHING THE MIST OR VAPOR MAY CAUSE TEETH ERROSION.MOUTH SORENES AND DIFFICULTY IN BREATHING. Medical Cond Aggravated by Exposure:PR E-EXISTING EYE AND RESPIRATORY CONDITIONS.TARGET ORGANS:NOT DETERMINED.

First Aid:EYE/SKIN CONTACT:IMMED FLUSH EYES/SKIN W/WATER FOR 15MINS.REMOVE CONTAMINATED CLOTHING.CALL PHYSICIAN.INGEST:DO NOT INDUCE VOMIT.GIVE 1-2 GLASSES OF WATER.CALL PHYSICIAN IMMED.NEVER GIVE ANYTING BY MO UTH TO UNCONSC PERSON.INHAL:REMOVE TO FRESH AIR.

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

Extinguish



Boiling Pt:=-100.C, -148.F Vapor Pres:NOT DETERMINED Vapor Density:ND Spec Gravity:0.990 pH: