

RHONE-POULENC BASIC CHEMICALS CO -- SULFURIC ACID -- 6810-00-823-8008

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

Product ID:SULFURIC ACID

MSDS Date:10/15/1991

FSC:6810

NIIN:00-823-8008

MSDS Number: BSFQH

=== Responsible Party ===

Company Name:RHONE-POULENC BASIC CHEMICALS CO

Address:1 CORPORATE DRIVE

Box:881

City:SHELTON

State:CT

ZIP:06484

Country:US

Info Phone Num:203-925-3300

Emergency Phone Num:203-92

5-3300/800-424-9300(CHEMTREC)

CAGE:0GAK8

=== Contractor Identification ===

Company Name:JONES CHEMICALS INC

Address:985 MONTAGUE EXPRESSWAY

Box:City:MILPITAS

State:CA

ZIP:95035

Country:US

Phone:408-262-8300

CAGE:3E576

Company Name:RHONE-POULENC BASIC CHEMICALS CO

Address:1 CORPORATE DRIVE

Box:881

City:SHELTON

State:CT

ZIP:06484

Country:US

Phone:203-925-3300

CAGE:0GAK8

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

Ingred Name:SULFURIC ACID (SARA 302/313) (CERCLA)

CAS:7664

-93-9
RTECS #:WS5600000
Fraction by Wt: 78-100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3/3 STEL; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: BALANCE
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:H2SO4 LD50 RAT ORAL 2140MG/KG;1TSP-1/2OZ
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:N
O IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INGEST:CORR.CAUSES BURNS OF MOUTH/THROAT/ESOPHAGUS/STOMACH.MAY CAUSE SEVERE INJURY-GASTRIC PERFORATION/PERITONITIS,DEATH.INHAL:CORR MUC MEMB.SYMPT-BURN SENS,TICKLING OF NOSE/THROAT,SNEEZING,COUGH,WHEEZE,LARYNGITIS,SHORT BREATH.MIST/SPRAY SERIOUS DMG TO LUNG TISSUE.SKIN:CORR.CAUSES BURNING/CHARRING.EYE:CORR.(SIGN/SYMPT)
Explanation of Carcinogenicity:PER MSDS:NO INGRED DESIGNATED BY IARC/NTP/ACGIH/OSHA AS PORBABLE HUMANA N CARC.
Effects of Overexposure:HEALTH:CAUSES IRREVERSIBLE EYE DMG,POSSIBLE BLINDNESS.SPRAY/MIST SEVERELY IRRIT EYE. OVEREXPO:REP EXPO MAY LEAD TO CONTACT DERMATITIS,MAY CAUSE CORR OF DENTAL ENAMEL,CAN CAUSE BRONCHITIS W/COUGH,PHLEG M,SHORTNESS OF BREATH,EMPHYSEMA,CAN CAUSE CHRONIC RUNNY NOSE,TEARING OF EYES,NOSEBLEEDS,STOMACH UPSETS.
Medical Cond Aggravated by Exposure:SKIN IRRIT MAY BE AGGRAVATED IN INDIVIDUALS W/EXISTING SKIN LESIONS.BREATHING OF VAP/SPRAY(MIST)MAY AGG RAVATE ACUTE/CHRONIC ASTHMA & CHRONIC PULMONARY DISEASE SUCH AS EMPHYSEMA & BRONCHITIS.

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

First Aid:SPEED IN REMOVE MATL FRM CONTACT W/BODY IS PRIMARY IMPORTANCE.START 1ST AID @ONCE.INGEST:CONSC/ALERT GIVE 2/MORE GLASS OF H2O/MILK.DONT INDUCE VOMIT.GET MED ATTN.SKIN:IMMED WIPE OFF MATL W/DRY CLOTH.WA SH W/LOTS OF SOAP/H2O W/SAF SHOWER @LEAST 15MINS.REMOVE CONTAM CLOTH/SHOES.GET MED ATTN IMMED.INHAL:MOVE TO

FRESH AIR.NOT BREATH GIVE CPR/ARAT RESP;BREATH DIFFI/IRRIT DVLP GET
MED ATTN.EYE:(OTH PRECA)

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

Flash Point:NOT COMBUSTIBLE

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:EXPECT VIOL RX W/H2O.SM:DRY CHEM,CO2,HALON.LG:FLOOD
FIRE AREA W/H2O FRM DISTANCE.DONT GET SOLID H2O STREAM ON SPILL
MATL

Fire Fighting Procedures:WEAR NIOSH/MSHA APROV SCBA,FULL PROT
CLOTH.FIGHT

ING FIRE IN CLS SPILL/VAP PROXIMITY USE ACID-RESIST

PPE.EVACUATE RESIDENTS DOWNWIND.PREVENT UNAUTHORIZED (SUPPL)

Unusual Fire/Explosion Hazard:THERM DECOMPO PROD HAZ,INCLUDE SULFUR
OXIDES.USE CARE.H2O APPLY DIRECTLY TO ACID RESULT IN EVOLUTION OF
HEAT/SPATT,VIOL RX.HI CONC NEARBY COMBUST LIQ/SOLID(SUP)

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

Spill Release Procedures:WEAR APPROP PPE.VENTI AREA.STOP LEAK.SM:COVER
W/SOIDUM BICARBONATE,SODA ASH,LIME.ABSO

RB ON DRY MATL.WASH DOWN

W/H2O NOT RECOMMENDED.LG:IAW PREDETERMINED PLAS.ASSIST IN PLAN TECH

SERV DEPT 800-642-4200 .PREVENT ENTRY

SEWER/WATERWAYS.DECONTAMTOOL,ETC.

Neutralizing Agent:SOIDUM BICARBONATE,SODA ASH,LIME.

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

Handling and Storage Precautions:WEAR APPRO PPE.DONT BREATH
SPRAY/MIST,INGEST,GET IN EYE/SKIN/CLOTH.STORE IN COOL DRY WELL
VENTI PLACE TIGHTLY CLSD AWAY FRM SUNLIGHT,ACID-RESIST FLOOR

Other Pr

ecautions:DIL ALWAYS ADD ACID SLOWLY TO H2O,NOT H2O TO

ACID-WILL PROD LG HEAT/BOIL/SPATTERING.1ST AID:IMMED FLUSH W/LOTS OF

H2O @LEAST 15MINS,LIFT LIDS.GET MED ATTN.DR:ALL TREAT SHOULD BE

BASED ON OBSERVED SIGN/ SYMPT OF DISTRESS IN PATIENT.

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

Respiratory Protection:USE NIOSH/MSHA APPROV MIST FILT,ACID GAS

CARTRIDGE RESPIRATOR.USE POSITIVE PRESSURE SELF-CONTAINED BREATHING

APPARATUS FOR EMERGENCY OR OTHER COND

ITIONS REQUIRING HIGHER LEVEL
OF PROTECTION.

Ventilation:USE LOCAL EXHAUST VENTILATION.

Protective Gloves:ACID-RESIST-NAT RUBB,NEOPRENE,NITRILE

Eye Protection:FACE SHIELD W/CHEM WORKER GOGGLES

Other Protective Equipment:FULL-BODY PROTECTIVE CLOTH,BOOTS-NAT
RUBB,NEOPRENE,NITRILE.SINK,SAF SHOWER,EYEWASH FOUNTAIN IN
WORKAREA.OXYG AVAILABLE.

Work Hygienic Practices:DISCARD HEAVILY CONTAM CLOTH/SHOE IN MANNER
WHICH LIMITS EXPO;OTHERWISE WASH SEPARATELY BEF REUSE.

Supplemental Safety a
nd Health

FIREFIGHT:ENTRY TO FIRE AREA.DIKE-PREVENT RUNOFF/CONTAM H2O
SOURCES.COOL CNTNR EXPO TO FLAME W/STREAM OF H2O TIL FIRE OUT.EXPO
TO CONTAM SMOKE IMMED RELIEVE FRM DUTY/CHECK FOR SYMPT OF POIS-NOT
MISTAK E FOR HEAT EXHAU/SMOKE INHAL.SEE 1ST AID/HEALTH HAZ IN MSDS.
FIRE/EXPLO:TO IGN UPON CONTACT.CONTACT W/METAL EVOLVE H2 GAS

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

HCC:C1

Boiling Pt:B.P. Text:379F,193C

Melt/Freeze Pt:M.P/F.P Text:12F,-11C

Decomp

Temp:Decomp Text:NP

Vapor Pres: