
A962P, REAGENT ALCOHOL

MSDS Number

BPQYG

National Stock Number

6810-01-208-0914

Product Name

A962P, REAGENT ALCOHOL

Manufacturer

FISHER SCIENTIFIC

Product Identification

Product ID:A962P, REAGENT ALCOHOL

MSDS Date:04/03/1989

FSC:6810

NIIN:01-208-0914

MSDS Number: BPQYG

Responsible Party

FISHER SCIENTIFIC

1 REAGENT LANE

FAIR LAWN , NJ 07410

US

Emergency Phone: 201-796-7100;800-424-9300(CHEMTREC)

Info Phone: 201-796-7100

Cage: 1B464

Contractor

FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

FAIRLAWN, NJ 07410-2802

US

201-796-7100

Cage: 1B464

Ingredients

(ORAL,RAT)7060 MG/KG.

CAS: 64-17-5

RTECS: KQ6300000

Fraction By Weight: 90%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM

(ORAL,RAT)5628 MG/KG.

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 5%

OSHA PELS,200PPM/250STEL

ACGIH TLV: S,200PPM/250STEL; 93

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

(ORAL,RAT)5045 MG/KG. (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 5%

OSHA PEL400 PPM;500 PPM STEL

ACGIH TLV: 400 PPM;500 PPM STEL

CNTCT MAY CAUSE IRRIT.MAY BE ABSORBED

RTECS: 9999999ZZ

VAP MAY CAUSE TEMPORARY IRRIT. DIRECT CNTCT

RTECS: 9999999ZZ

CORNEAL EPITHELIUM & HYPEREMIA OF CONJUNCTIVA. ING

RTECS: 9999999ZZ

FIRST ACTS AS

RTECS: 9999999ZZ

& SLURRING OF SPEECH. DEATH MAY OCCUR FROM RESP/CIRC

RTECS: 9999999ZZ

SYMPS MAY BE DELAYED

RTECS: 9999999ZZ

MAY CAUSE ABDOM

RTECS: 9999999ZZ

FETAL

RTECS: 9999999ZZ

RPTD/PRLNGD EXPOS MAY CAUSE

RTECS: 9999999ZZ

INCR INCIDENCE OF CANCER OF

RTECS: 9999999ZZ

CNTCT CAN CAUSE DERM/OTHER SYMPS AS IN ACUTE EXPOS.

RTECS: 9999999ZZ

OPTIC NEURITIS & OTHER EFTS AS ACUTE EXPOS. ING

RTECS: 9999999ZZ

CHRONIC INTOX MAY RSLT IN WT

RTECS: 9999999ZZ

GASTROENTERITIS W/ANOREXIA & DIARRHEA & CIRRHOSIS OF

RTECS: 9999999ZZ

IMPAIRMENT & POSS BLINDNESS. LIVER, KIDNEY, BRAIN

RTECS: 9999999ZZ

ANIMALS. FOR MORE EXACTING INFORMATION CONCERNING

RTECS: 9999999ZZ

OCCSNLY LIFTING LIDS UNTIL NO EVID OF CHEM

RTECS: 9999999ZZ

W/NORM SALINE UNTIL PH RETURNED TO NORM (30-60 MIN).

RTECS: 9999999ZZ

ETHYL ALCOHOL BY GASTRIC LAVAGE W/TAP

RTECS: 9999999ZZ

SOLN UNLESS 2 HRS/MORE HAVE PASSED SINCE INGEST.

RTECS: 9999999ZZ

NALOXONE, 0.01MG/KG, IV

RTECS: 9999999ZZ

FLARES IN HAZARD AREA. KEEP UNNECESSRAY PEOPLE

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:SEE INGREDIENTS

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:IRRITANT,EYE.SLIGHTLY TOX BY
INGEST,DERM ABSORP. CNS DEPRESSANT. POTENTIATES EFT OF CARBON

TETRACHLORIDE & OTHER HEPATOTOXIC CHLORINATED ALIPHATIC
HYDROCARBONS. ACUTE:INHAL:ING 1:EXPOS OF HUMANS TO 10 00-10,000PPM

CAUSED TEMPORARY IRRIT OF UPPER RESP TRACT & COUGH;& IF CONTINUED, HDCH, STUPOR, FATIGUE, (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:DROWS, LASSITUDE & LOSS OF APPETITE.

ING 2:INTOX MAY RSLT IN STATE OF INEBRIATION. COUGH, HDCH,

ANOREXIA, WEAKNESS, FATIGUE, INSOMNIA & LEG CRAMPS MAY OCCUR. ING

3:IRRIT OF NOSE,THROAT. HIGHE R CONCS MAY CAUSE EFTS AS IN ACUTE

INGEST. SKIN:ING 1:MAY CAUSE MILD REDNESS,BURNING. SENSIT HAS BEEN

REPORTED. (ING 4)

Medical Cond Aggravated by Exposure:PERSONS W/PRE-EXISTING SKIN

DISORDERS, IMPAIRED LIVER, RENAL AND/OR PULMONARY FUNCTION.

First Aid

First Aid:INHAL:REMOVE TO FRESH AIR IMMED. IF BRTHG STOPPED, GIVE ARTF

RESP. MAINTAIN AIRWAY & BLOOD PRESS & GIVE O*2 IF AVAIL. KEEP

WARM/AT REST. TREAT SYMPTOMATICALLY & SUPPORTIVELY. GET MD IMMED.

SKIN:REMOVE CONTAMD CLTHG & SHOES IMMED. WASH AFFECTED AREA

W/SOAP/MILD DETERGENT & LG AMTS OF WATER UNTIL NO EVID OF CHEM

REMAINS (APPROX 15-20 MIN). GET MD IMMED. EYE:WASH IMMED W/LG AMTS

OF WATER, (ING 20)

Fire Fighting

Flash Point Method:CC

Flash Point:57F,13.9C

Lower Limits:4.3%

Upper Limits:19%

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, HALON, WATER

SPRAY/ALCOHOL FOAM. LARGER FIRES:WATER SPRAY, FOG OR ALCOHOL FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP.

MOVE CNTNR FROM FIRE AREA IF POSS.COOL FIRE-EXPSD CNTNRS W/H*20

FROM SIDE UNTIL WELL AFTER FIRE (SUPP DATA)

Unusual Fire/Explosion Hazard:DANGEROUS FIRE HAZ WHEN EXPSD TO

HEAT/FLAME. VAPS HVR THAN AIR & MAY TRAVEL CONSIDERABLE DIST TO

IGNIT SOURCE/FLASH BACK. VAP-AIR MIXT EXPLO ABOVE FLASH POINT.

Accidental Release

Spill Release Procedures:SHUT OFF IGNIT SOURCES. DO NOT TOUCH SPILLED

MATL. STOP LEAK IF W/OUT RISK. USE WATER SPRAY TO REDUCE VAPS.

SML:TAKE UP W/SAND/OTHER ABSORB & PLACE INTO CNTNRS FOR LATER DISP.

LG:DIKE FAR AHEAD OF SPI LL FOR LATER DISP. NO SMOKING, FLAMES OR

(ING 25)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:MAY BE IGNITED BY HEAT, SPARKS OR

FLAMES. CONTAINER MAY EXPLODE IN HEAT OF FIRE.

Other Precautions:VAPOR EXPLOSION & POISON HAZARD INDOORS, OUTDOORS OR

IN SEWERS. RUNOFF TO SEWER MAY CREATE FIRE OR EXPLOSION HAZARD.

Exposure Controls

Respiratory Protection:SPECIFIC RESPIRATOR SELECTED MUST BE BASED ON

CONTAMINATIN LEVELS FOUND IN WORK PLACE, MUST NOT EXCEED WORKING

LIMITS OF RESPIRATOR & BE NIOSH/MSHA APPROVED. FOR SPECIFIC

RESPIRATOR SELECTIONS, CONTACT NEHC .

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION &/OR GENERAL DILUTION

VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEM WRKRS GOG & FULL LGTH FSHLD .

Other Protective Equipment:APPROPRIATE PROTECTIVE (IMPERVIOUS) CLOTHING

& EQUIPMENT TO PREVENT REPEATED OR PROLONGED SKIN CONT.EMERG EYE

WASH (FP N

Work Hygienic Practices:CONTACT LENSES SHOULD NOT BE WORN.

Supplemental Safety and Health

FIRE FIGHT PROC:OUT.STAY AWAY FROM STOR TANK ENDS. FOR MASSIVE FIRE IN

STOR AREA,USE UNMANNED HOSE HOLDER/MONITOR NOZZ, OR W/DRAW FROM

AREA & LET BURN. W/DRAW IMMED IN CASE OF RISING SOUND FROM VENT S

AFETY DEVICE/ANY DISCOLORATION OF STOR TANK DUE TO FIRE. SOLID

STREAMS MAY BE INEFFECTIVE. AVOID BRTHG VAPORS, KEEP UPWIND.

Chemical Properties

Boiling Pt:B.P. Text:172F,78C

Melt/Freeze Pt:M.P/F.P Text:-172F,-113C

Vapor Pres:40 @ 20C

Vapor Density:1.6

Spec Gravity:0.8

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID.

Stability

Stability Indicator/Materials to Avoid:YES

ACETIC ANHYDRIDE, NITRIC ACID, AL, NI, KETONES, RUBBER. FOR MORE EXACTING LIST OF MATLS TO AVOID CNTCT NEHC .

Stability Condition to Avoid:HEAT, SPARKS OR FLAMES.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY RELEASE TOXIC OXIDES OF CARBON AND FORMALDEHYDE.

Disposal

Waste Disposal Methods:DISPOSE OF I/A/W FEDERAL, STATE AND LOCAL REGULATIONS .

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