

AROPOL 8420

MSDS Number

BQTZF

National Stock Number

8040-00N037622

Product Name

AROPOL 8420

Manufacturer

ASHLAND CHEMICAL INC

Product Identification

Product ID:AROPOL 8420

MSDS Date:07/12/1991

FSC:8040

NIIN:00N037622

MSDS Number: BQTZF

Responsible Party

ASHLAND CHEMICAL INC

COLUMBUS , OH 43216

US

Emergency Phone: 800-274-5263

Info Phone: 614-889-3333

Cage: 34897

Contractor

ASHLAND CHEMICAL CO

2219

COLUMBUS, OH 43216-2219

US

614-790-3333/800-274-5263

Cage: 34897

Ingredients

POLYMERIZATION WILL TAKE PLACE UNDER FIRE CNDTNS. IF

RTECS: 9999999ZZ

IT WILL RUPTURE VIOLENTLY. COOL STORAGE CONTAINER

RTECS: 9999999ZZ

CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT

RTECS: 9999999ZZ

BODIES OF WATER. PVNT FROM SPREADING. IF RUNOFF

RTECS: 9999999ZZ

POLYESTER RESIN

Fraction By Weight: 70-75%

STYRENE (SARA III)

CAS: 100-42-5

RTECS: WL3675000

Fraction By Weight: 30%

OSHA PEL100 PPM

ACGIH TLV: S,50PPM/100STEL;9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

DISCHARGE/OTHER IGNIT SOURCES AT LOCATIONS

RTECS: 9999999ZZ

METAL CNTNRS INCL TANK CARS & TANK TRUCKS SHOULD BE

RTECS: 9999999ZZ

USE WELDING/CUTTING TORCH ON/NEAR DRUM (EVEN EMPTY)

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE: EYES: CAN CAUSE SEVERE

IRRITATION, REDNESS, TEARING, BLURRED VISION. SKIN: PRLNGD/RPTD

CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS.

INHALATION: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND

RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING

DIZZINESS, WEAK, (EFTS OF OVEREXP)

Explanation of Carcinogenicity:STYRENE: GROUP 2B (IARC-VOL. 7, PG 345, 1987).

Effects of Overexposure:HLTH HAZ: FATIGUE, NAUSEA, HEADACHE AND

POSSIBLE UNCONSCIOUSNESS, AND EVEN DEATH. INGESTION: CAN CAUSE

GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

CHRONIC: OVEREXPOSURE TO STYRENE HAS APPARENTLY BEEN FOUND TO

CAUSE FOLLOWING EFFECTS IN LAB ANIMALS: LIVER ABNORMALITIES, KIDNEY

DAMAGE AND LUNG DAMAGE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:SKIN: THORO WASH EXPOS AREA W/SOAP & WATER. REMOVE CONTAMD

CLTHG. LAUNDER CONTAMD CLTHG BEFORE RE-USE. EYES: FLUSH W/LRG AMTS

OF WATER FOR AT LST 15 MINS, LIFTING UPPER & LOWER LIDS OCCAS. GET

MED ATT N. INGEST: DO NOT INDUCE VOMIT. KEEP PERSON WARM, QUIET &

GET MED ATTN. ASPIR OF MATL INTO LUNGS DUE TO VOMIT CAN CAUSE CHEM

PNEUM WHICH CAN BE FATAL. INHAL: REMOVE INDIV TO FRESH AIR. IF

(SUPDAT)

Fire Fighting

Flash Point:>73F,>22.8C

Lower Limits:1.1%

Upper Limits:6.1%

Extinguishing Media:REGULAR FOAM, WATER FOG, CARBON DIOXIDE OR DRY

CHEMICAL.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . COOL STORAGE CONTAINER WITH WATER, IF EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:VAPS ARE HVR/AIR & MAY TRAVEL ALONG GROUND/MAY BE MOVED TO VENT & IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELEC MOTORS, STATIC (ING 3)

Accidental Release

Spill Release Procedures:SML SPILL:ABSORB LIQ ON VERMICULITE, FLOOR ABSORB/OTHER ABSORB MATL & TRANSFER TO HOOD.LRG SPILL:ELIM ALL IGNIT SOURCES (FLARES, FLAMES INCL PILOT LIGHTS,ELEC SPARKS).PERSONS NOT WEARING PROT EQUIP SH OULD BE EXCLUDED FROM AREA OF SPILL UNTIL (ING 8)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:CNTNRS OF MAT MAY BE HAZ WHEN EMPTIED. SINCE EMPTIED CNTNRS RETAIN PROD RESIDUES (VAP, LIQ, &/OR SOLID), ALL HAZ PREC GIVEN IN MSDS MUST BE OBSERVED.

Other Precautions:EXPOSURE TO AEROSOLS AND MISTS WHEN MATL IS SPRAYED MAY PRESENT GREATER RISK OF INJ FROM COMPONENTS BECAUSE HIGHER CONCS ARE IN ATMOSPHERE THAN RSLT FROM VAP ALONE.PROVIDE ADEQ VENT & IF NEC,USE NIOSH /MSHA APPROVED RESPIRATORY PROTECTION.

Exposure Controls

Respiratory Protection:IF WORKPLACE EXPOS LIMIT(S) OF PROD/ANY COMPONENT IS EXCEEDED, NIOSH/MSHA APPRVD AIR SUPP RESP IS ADVISED IN ABSENCE OF PROPER ENVIRON CNTRL.OSHA REGS ALSO PERMIT OTHER NIOSH/MSHA APPRVD RESP (NEG PRE SS TYPE) UNDER SPECIFIED CNDTNS (SUPDAT)

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RESISTANT SUCH AS POLYVINYL ALCOHOL.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS AND LEGS.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

SPEC GRAV:1.140-1.160 @ 77F. FIRST AID PROC: BRTHG IS DFCLT, ADMIN OXYGEN. IF BRTHG HAS STOPPED, GIVE ARTF RESP.KEEP PERSON WARM, QUIET,& GET MED ATTN. WASTE DISP METH: DEPOSITED IN LANDFILL I/A/W LOC , ST & FED REGS. RESP PROT:(SEE YOUR SAFETY EQUIP SUPP). ENGINEERING/ADMIN CNTRLS SHOULD BE IMPLEMENTED TO REDUCE EXPOS.

Chemical Properties

Boiling Pt:B.P. Text:293F,145C

Vapor Pres:4.5 @ 68F

Vapor Density:3.6

Spec Gravity:SUPP DATA

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:CLEAR AMBER COLOR LIQUID, HOMOG SOLN.

Percent Volatiles by Volume:28-32

Stability

Stability Indicator/Materials to Avoid:YES

STRONG ALKALIES, STRONG MINERAL ACIDS.

Stability Condition to Avoid:EXCESSIVE EXPOSURE TO HEAT.

Hazardous Decomposition Products:MAY FORM TOXIC MATERIALS: CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS, ETC.

Conditions to Avoid Polymerization:EXCESSIVE HEAT, PEROXIDES AND POLYMERIZATION CATALYSTS.

Disposal

Waste Disposal Methods:SML SPILL:ALLOW VOLAT PORTION TO EVAP IN HOOD. ALLOW SUFF TIME FOR VAPS TO COMPLETELY CLEAR HOOD DUCT WORK. DISP OF REMAINING MATL I/A/W APPLIC FED, ST, & LOC REGS. LRG SPILL:DESTROY BY LIQ INCIN I/A/ W APPLIC REGS. CONTAMD ABSORB MAY

BE (SUPDAT)

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