

## **AROPOL 7241**

### **MSDS Number**

BRKXX

### **National Stock Number**

8040-00N038850

### **Product Name**

AROPOL 7241

### **Manufacturer**

ASHLAND CHEMICAL INC

### **Product Identification**

Product ID:AROPOL 7241

MSDS Date:05/31/1989

FSC:8040

NIIN:00N038850

MSDS Number: BRKXX

### **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**

STYRENE (SARA III)

CAS: 100-42-5

RTECS: WL3675000

Fraction By Weight: 44%

OSHA PEL100 PPM

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

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

STORAGE CONTAINER WITH WATER IF EXPOSED TO FIRE.

KEEP PERSON WARM, QUIET, AND GET MEDICAL

COMPLETED.STOP SPILL AT SOURCE. PVNT FROM

FROM SPREADING. IF RUNOFF OCCURS,NOTIFY AUTHORITIES

CONTAINERS FOR RECOVERY. ABSORB UNRECOVERABLE PROD.

CONTAMD ABSORB MAY BE DEPOSITED IN A

## 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:EYES:CAN CAUSE SEVERE IRRIT, REDNESS, TEARING, BLURRED VISION. SKIN: PRLNG/RPTD CONT CAN CAUSE MOD IRRIT, DEFATTING, DERMAT. INHAL:EXCESS INHAL OF VAPS CAN CAUSE NASAL/RESP IRRIT, CNS EFTS INCLD DIZZ, WEAK,FATIGUE,NAUSEA,HEADACHE & POSS UNCON, EVEN DEATH. INGEST: CAN CAUSE GI IRRIT, NAUSEA, HDACHE, VOM & DIARR.

Explanation of Carcinogenicity:STYRENE:IARC GROUP 2B (SUPPLEMENTARY.P 345,1987).

Effects of Overexposure:OVEREXPOSURE TO STYRENE HAS APPARENTLY BEEN FOUND TO CAUSE FOLLOWING EFTS IN LAB ANIMALS: LIVER ABNORM/KIDNEY DMG/LUNG DMG.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:SKIN: THORO WASH EXPOS AREA W/SOAP & WATER FOR AT LEAST 15 MINS. REMOVE/LAUNDER CONTAM CLOTHING BEFORE REUSE. EYE: FLUSH W/LGE AMTS OF WATER,LIFTING UPPER & LOWER LIDS OCCASIONALLY. GET MD ATTN. INGES T: DO NOT INDUCE VOMIT.KEEP PERSON WARM/QUIET/GET MD ATTN. ASPIR OF MATL INTO LUNGS CAN CAUSE CHEM PNUEMIT WHICH CAN BE FATAL. INHAL:MOVE TO FRESH AIR. SUPPORT BRTHG (GIVE O\*2/ARTF RESP)(ING 3)

## Fire Fighting

Flash Point:>73.0F,22.8C

Lower Limits:1.1

Upper Limits:6.1

Extinguishing Media:REGULAR FOAM OR WATER FOG OR CO\*2, CO, VARIOUS HYDROCARBONS, ETC.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP. H\*2O/FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT & POSS ENDANGER LIFE OF FIREFIGHTER, ESPECIALLY(SUPPDATA)

Unusual Fire/Explosion Hazard:VAPORS ARE HVR/AIR & MAY TRAVEL ALONG GROUND/MAY BE MOVED BY VENT & IGNIT BY PILOT LIGHTS/FLAMES/SPARKS/HEATERS/SMOKING/ELECTRIC MOTORS, STATIC (SUPP DATA)

## Accidental Release

Spill Release Procedures:SMALL:ABSORB LIQ ON VERMICULITE/FLOOR ABSORB/OTHER ABSORB MATL.TRANSFER TO HOOD. LGE:ELIM ALL IGNIT SOURCES(FLARES/FLAMES/PILOT LIGHTS/ELEC SPARKS).PERSONS NOT WEARING PROT EQUIP SHLD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN (SEE ING 4)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:CONTAINERS OF MATL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES,ALL HAZARD PRECAUTIONS GIVEN MUST BE OBSERVED.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

Respiratory Protection: IF WORKPLACE LIMIT OF PRODUCT/ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

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

Protective Gloves: POLYVINYL ALCOHOL.

Eye Protection: CHEMICAL SPLASH GOGGLES.

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

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRE FIGHT PROC: IF SPRAYED INTO CNTNRS OF HOT BURNING LIQ. EXPLO

HAZ: DISCHARGE/OTHER IGNIT SOURCES AT LOCATIONS DISTANT FROM MATL

HNDLG PT. NEVER USE WELDING/CUTTING TORCH ON/NEAR DRUM(EMPTY) BECAUSE

PR ODUCT (RESIDUE) CAN IGNIT EXPOS. POLYMERIZATION WILL TAKE PLACE

UNDER FIRE CNDTNS. POSS WILL RUPTURE VIOLENTLY. COOL(ING 2)

## Chemical Properties

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

Vapor Pres: 4.5 @ 68F

Vapor Density: 3.6 AIR=1

Spec Gravity: 1.080 - 1.1

Evaporation Rate & Reference: SLOWER THAN ETHER

Appearance and Odor: CLEAR AMBER COLORED LIQUID.

Percent Volatiles by Volume: 40-45%

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG ALKALIS, STRONG MINERAL ACIDS.

Stability Condition to Avoid: AVOID EXPOSURE TO EXCESSIVE HEAT, PEROXIDES AND POLYMERIZATION CATALYSTS.

Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

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

## Disposal

Waste Disposal Methods: SMALL: ALLOW VOLAT PORTION TO EVAP IN HOOD.

ALLOW SUFFICIENT TIME FOR VAPS TO COMPLETELY CLEAR HOOD DUCT WORK.

DISP OF REMAINING MATL IN ACCORD W/LOCAL, STATE/FEDERAL REGS.

LGE: DESTROY BY LIQ INCIN IN ACCORD W/LOCAL, STATE, FEDERAL REGS. (ING 7)

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