

3. HAZARDS IDENTIFICATION (Continued)

ROUTE(S) OF ENTRY.....: Eye contact, skin contact

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

ACUTE EFFECTS OF EXPOSURE.....: This product may be slightly irritating to the eyes and skin with symptoms of redness and itching.

CHRONIC EFFECTS OF EXPOSURE...: No applicable information was found concerning any adverse chronic health effects from overexposure to this product.

CARCINOGENICITY.....: This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.

MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE.....: None known.

EXPOSURE LIMITS.....: Not established for this product.

4. FIRST AID MEASURES:

FIRST AID FOR EYES.....: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation develops.

FIRST AID FOR SKIN.....: Remove contaminated clothing. Flush skin with plenty of water. Wash contaminated clothing before reuse. Contact a physician.

FIRST AID FOR INHALATION: Exposure by inhalation is not expected under normal conditions of use due to the physical nature of this material.

FIRST AID FOR INGESTION.: If swallowed, call a physician.

5. FIRE FIGHTING MEASURES:

FLASH POINT.....: Not applicable

AUTO-IGNITION TEMPERATURE.....: Greater than 500 C (932 F)

EXTINGUISHING MEDIA.....: Dry Chemical; Foam; Water spray for large fires.; Water fog

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

6. ACCIDENTAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES.....: Utilize recommended protective clothing and equipment. Spills should be taken up mechanically and placed in containers. Spill area can be washed with water. Collect wash water for

6. ACCIDENTAL RELEASE MEASURES (Continued)

approved disposal.

7. HANDLING AND STORAGE:

STORAGE TEMPERATURE(MIN/MAX): 32 F (0 C)/104 F (40 C)
SHELF LIFE.....: Minimum five (5) years if stored in sealed original container.
SPECIAL SENSITIVITY.....: None Known.
HANDLING/STORAGE PRECAUTIONS: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Store in a dry place away from excessive heat, in original or similar waterproof containers. Reseal containers immediately after use. Protect from freezing.

8. PERSONAL PROTECTION:

EYE PROTECTION REQUIREMENTS.....: Chemical safety goggles
SKIN PROTECTION REQUIREMENTS.....: Cloth gloves and other protective clothing as appropriate to minimize skin contact. Employees should wash their hands and face before eating, drinking, or using tobacco products.
VENTILATION REQUIREMENTS.....: Under normal conditions of use, special ventilation is not required.
RESPIRATOR REQUIREMENTS.....: Under normal conditions of use, respiratory protection is not required.
ADDITIONAL PROTECTIVE MEASURES.....: Emergency showers and eye wash stations should be made available. Educate and train employees in the safe use and handling of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM.....: Beads
COLOR.....: Beads solid
ODOR.....: Slight fish
pH: Not Applicable.
BOILING POINT.....: Not Applicable
MELTING/FREEZING POINT....: Not Established
SOLUBILITY IN WATER: Insoluble in cold water
SPECIFIC GRAVITY: 1.2 @ 68 F (20 C)
BULK DENSITY.....: Not Established
EVAPORATION RATE: 1 (Butyl acetate = 1)
VAPOR PRESSURE: Not Applicable
VAPOR DENSITY: 1 (Air = 1)

10. STABILITY AND REACTIVITY:

STABILITY.....: This is a stable material.
HAZARDOUS POLYMERIZATION...: Will not occur.
INCOMPATIBILITIES.....: Oxidizing agents.
INSTABILITY CONDITIONS.....: None known
DECOMPOSITION TEMPERATURE...: Not Established
DECOMPOSITION PRODUCTS.....: In case of fire CO, CO2, and other potentially
toxic fumes.

11. TOXICOLOGICAL INFORMATION:

NO ANIMAL TOXICITY INFORMATION AVAILABLE

12. ECOLOGICAL INFORMATION:

NO ECOLOGICAL INFORMATION AVAILABLE

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD.....: Waste disposal should be in accordance with
existing federal, state and local environmental regulations.

14. TRANSPORTATION INFORMATION:

TECHNICAL SHIPPING NAME.....: Ion Exchange Resin
FREIGHT CLASS BULK.....: Synthetic plastics w/ or w/out
filler, flakes, granules, pellets, liq., powder.
FRT CLASS 60
FREIGHT CLASS PACKAGE.....: Synthetic plastics w/ or w/out
filler, flakes, granules, pellets, liq., powder.
FRT CLASS 60
PRODUCT LABEL.....: Ionac ASB-1

DOT (DOMESTIC SURFACE)

HAZARD CLASS OR DIVISION: Non-Regulated

15. REGULATORY INFORMATION (Continued)

PA3 = Pennsylvania Non-hazardous present at 3% or greater.

16. OTHER INFORMATION:

HMIS RATINGS: Health Flammability Reactivity
 1 1 1
 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

Bayer's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS ratings are provided by Bayer as a customer service.

REASON FOR ISSUE.....: Update Section 1.
PREPARED BY.....: Shannon Simpson
APPROVED BY.....: John F. McPeak
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