



Safety Data Sheet
Hazardous Substances (Hazard Classification) Notice 2020
Prepared to GHS Rev 7

Date of issue: 05.03.2022

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Trade name: Azo-Solv

SECTION 1: Product and company identification

Product identifier:

Product Name: Azo-Solv

Other means of identification:

Product Code Number: None known

Recommended use of the chemical and restrictions on use:

Recommended use: Thermal Barrier Polymer Part "B"

Recommended restrictions: Uses other than as recommended above.

Details of manufacture or importer:

Manufacturer: Azon

Company Address: 2204 Ravine Road,
Kalamazoo 49004, MI, USA

Company Telephone: 269-385-5942

ASIA OFFICE: Azon Asia Inc.
168 Joongwon Ind Rd. Judeok
Chungju, South Korea, CB 27459 KOR

Importer: Altus NZ Ltd
Pukete Industrial Estate
53-69 Maui Street
Terapa Hamilton NZ2001 NZL

Emergency phone number: CHEMTREC
NZ 0800 425 459 (24/7)
NZ Local +64 9-801 0034
US 1-800-424-9300 (24/7)
INT: +1-703-527-3887 (24/7)

SECTION 2: Hazard(s) identification

Classification of the hazardous chemical:

Not classified as hazardous

Label elements, including precautionary statements:

GHS Signal word: None required

GHS Hazard statement(s): None required

GHS Hazard symbol(s): None required

GHS Precautionary statement(s): None required

Other hazards which do not result in classification:

None known.

SECTION 3: Composition and information on ingredients

Mixture:

None of the components are classified as hazardous or are below the concentration limit to be classified as hazardous, under the criteria of Hazardous Substances (Hazard Classification) Notice 2020.

SECTION 4: First-aid measures

Description of necessary first aid measures:

Inhalation: Remove to fresh air. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may administer oxygen. Keep affected person warm and at rest. Obtain medical attention

Skin contact: Wash with plenty of water. Remove contaminated clothing. If skin irritation occurs, get medical attention. Launder contaminated clothing before reuse.

Eye contact: In case of eye contact, remove contact lenses and rinse immediately with plenty of water, including under the eyelids, for at least 15 mins. Get medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention immediately.

Symptoms caused by exposure: None expected.

Medical attention and special treatment: If any symptoms are observed, contact a physician and give them this SDS sheet.

SECTION 5: Fire-fighting measures

Suitable extinguishing equipment: Not combustible. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide as suitable for surrounding materials.

Unsuitable extinguishing media: Do not use direct streams of water.

Specific hazards arising from the chemical:

Not expected to be flammable.

Hazardous combustion products include CO (Carbon Monoxide), CO₂ (Carbon Dioxide), toxic and irritating gases.

Special protective equipment and precautions for fire fighters:

Avoid breathing irritating and potentially toxic fumes. Fire-fighters should wear self-contained breathing apparatus and protective clothing. Fight fire from a protected location. In addition, wear

other appropriate protective equipment as conditions warrant (see Section 8). Equipment should be decontaminated after use.

HAZCHEM Code:

Not applicable. Not hazardous for transport.

SECTION 6: Spillage, accidental release measures

Personal precautions, protective equipment and emergency procedures:

Protect people. Isolate area to prevent exposure to chemicals. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid contact with skin and eyes. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Wear appropriate protective equipment, such as gloves, goggles and protective clothing, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up:

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

Precautions for safe handling: Avoid breathing vapours, mist, dust or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep out of the reach of children. Keep away from food and drinks. Wear appropriate protective equipment, such as gloves, goggles and protective clothing, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

Conditions for safe storage, including any incompatibles: Keep product in a dry, cool place. Keep away from incompatible materials (see Section 10) and food / feedstuffs. Protect container(s) against physical damage, heat and moisture. Do not allow material to contaminate ground water system. Prevent product from entering drains.

SECTION 8: Exposure controls and personal protection

Control parameters – exposure standards, biological monitoring

None of the components have data in the New Zealand - Workplace Exposure Limits

Appropriate engineering controls: Provide general or local exhaust ventilation systems to maintain airborne concentrations below the exposure limits. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Personal protective equipment (PPE):

Eye and face protection: Wear safety glasses with side shields. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166.

Skin protection: Handle with chemical resistant gloves such as nitrile rubber. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).

Thermal hazards: None known.

SECTION 9: Physical and chemical properties

Appearance:	Clear
Physical state:	Liquid
Colour:	Clear to Clear yellow
Odour:	Slight
Odour threshold:	Not available
pH:	Not available
Melting point/freezing point:	Not available
Boiling point and boiling range:	Not available
Flash point:	>176.11°C (>349°F) (closed cup)
Evaporation rate:	Not available
Flammability:	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit – lower %:	Not available
Flammability limit – upper %:	Not available
Explosive limit – lower %:	Not available
Explosive limit – upper %:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Relative density:	1.12
Solubility:	Not available
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available

SECTION 10: Stability and reactivity

Azo-Solv

Reactivity:	Not expected to be reactive
Chemical stability:	Material is stable under normal conditions.
Conditions to avoid:	Exposure to moisture.
Incompatible materials and possible hazardous reactions:	Avoid contact with oxidizing materials and alkalis.
Hazardous decomposition products:	If involved in a fire, CO (Carbon Monoxide), CO ₂ (Carbon Dioxide), toxic and irritating gases may be generated.

SECTION 11: Toxicological information

Information on routes of exposure:

Inhalation:	Expected to be a route of entry.
Ingestion:	Expected to be a route of entry.
Skin:	Expected to be a route of entry.
Eyes:	Expected to be a route of entry.
Target Organs:	None expected

Symptoms related to exposure:

None expected

Numerical measures of toxicity:

Acute toxicity:	None of the components have acute toxicity hazards
Skin corrosion/irritation:	Not expected to cause skin irritation.
Serious eye damage/irritation:	Not expected to cause eye irritation.
Respiratory or skin sensitization:	Not expected to cause respiratory or skin sensitization
Germ cell mutagenicity:	Not expected to cause germ cell mutagenicity.
Carcinogenicity:	Not expected to cause cancer.
Reproductive toxicity:	Not expected to cause reproductive toxicity.
Specific target organ toxicity (STOT) - Single exposure:	Not expected to cause Specific target organ toxicity after a single exposure.
Specific target organ toxicity (STOT) - Repeat exposure:	Not expected to cause Specific target organ toxicity after repeated exposure.
Aspiration hazard:	Not expected to be an aspiration hazard.

Immediate, delayed and chronic health effects from exposure:

None expected

SECTION 12: Ecological information

Ecotoxicity: None established
Persistence and Degradability: Not established.
Bioaccumulative Potential: Not established.
Mobility in Soil: Not established.
Other adverse effects: None known.

SECTION 13: Disposal considerations

Safe handling and disposal methods:
Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable national and local regulations.

Disposal of any contaminated packaging:
Contaminated packaging may contain residues of product. Dispose of in the same manner as product. Comply with applicable local, national or international regulations concerning solid or hazardous waste disposal and/or container disposal.

SECTION 14: Transport Information

Dangerous Goods 2005 (Rule 45001/1) incorporating the UN Recommendations on the Transport of Dangerous Goods – Model Regulations:

UN Number: Not classified as hazardous for transport
Proper shipping name or
Technical Name: Not applicable
Transport hazard class: Not applicable
Packing group: Not applicable

IMDG (Transport by sea)

UN Number: Not classified as hazardous for transport
Proper shipping name or
Technical Name: Not applicable
Transport hazard class: Not applicable
Packing group: Not applicable

IATA (Transport by air)

UN Number: Not classified as hazardous for transport
Proper shipping name or
Technical Name: Not applicable
Transport hazard class: Not applicable
Packing group: Not applicable

Environmental hazards for Transport Purposes:

Marine pollutant: No

Special precautions for user:

No data available

HAZCHEM or Emergency Action Code:

Not applicable

SECTION 15: Regulatory Information**New Zealand - Inventory of Chemicals (NZIoC)**

All the components may be used as a single component chemical under an appropriate group standard.

New Zealand - GHS Classifications - HSNO Chemical Classification Information Database (CCID)

None of the components have data listed in the CCID

SECTION 16: Other information

Revision Date: May 3rd 2022

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