



## Section 1: Identification

**GHS Product Identifier:** AV-257 Icoset

**Classification:** Additive

**Product Use:** Industrial Use Only

**Supplier**

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## Section 2: Hazards Identification

**GHS Classification**

Not classified for physical or health hazards under GHS.

**GHS Label Elements**

Hazard pictograms: N/A

<b>Signal Word:</b>	None
<b>Hazards Statements:</b>	None
<b>Precautionary Statements:</b>	<b>General:</b>
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.

**Hazards not otherwise classified**

No specific dangers known, if the regulations/notes for storage and handling are considered.

## Section 3: Composition/Information on Ingredients

Weight %	Components	CAS-No.	Classification
45%	Deionized water	7732-18-5	None
45 - 55%	Carboxylated Styrene-Butadiene polymer	CAS# is a trade secret	None

The specific chemical identity and/or exact percentage of component(s) have been withheld as a trade secret.

## Section 4: First-Aid Measures

**Description of First-Aid Measures**

**General advice:**

Remove contaminated clothing.

**If inhaled:**

Loosen clothing as necessary and position individual in a comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen. Seek medical assistance if cough or other symptoms appear.

**If on skin:**

Wash hands and exposed skin with soap and plenty of water. Seek medical attention if irritation persists or concerned.

**If in eyes:**

Protect unexposed eye. Rinse or flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing. Seek medical attention if irritation persists or concerned.

**If swallowed:**

Rinse mouth thoroughly. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if irritation persists or if concerned.

**Most important symptoms and effects, both acute and delayed:**

Irritation, Headache, Nausea, Shortness of breath.

**Indication of any immediate medical attention and special treatment needed:**

If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

## Section 5: Fire-Fighting Measures

**Suitable Extinguishing Media:**

Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

**Unsuitable Extinguishing Media:**

None

**Fire-fighting Procedure**

**Protective equipment:** Wear protective eyewear, gloves, and clothing.

Refer to Section 8. Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA).

**Additional information (precautions):** Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

**Hazardous Decomposition Products**

None

**Unusual Fire/Explosion Hazards**

None

## Section 6: Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures**

Clear area. Ensure adequate ventilation. Ensure that air-handling systems are operational.

**Environmental Precautions**

Do not discharge into drains/surface waters/groundwater.

**Methods and Material for Containment and Cleaning-Up**

Wear protective eyewear, gloves, and clothing. Refer to Section 8. Containerize for disposal. Refer to Section 13. If necessary, use trained response staff or contractor. Evacuate personnel to safe areas. Keep in suitable closed containers for disposal. Absorb with suitable material.

## Section 7: Handling and Storage

**Precautions for Safe Handling**

Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke, or use personal products when handling chemical substances.

**Conditions for Safe Storage (Including Any Incompatibilities)**

Store in a cool location. Keep away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly sealed. Store away from incompatible materials.

## Section 8: Exposure Controls/Personal Protection

**Components with Occupational Exposure Limits**

No applicable occupational exposure limits

**Advice on system design:**

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

**Personal Protective Equipment****Respiratory Protection:**

Not required under normal conditions of use. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.

**Hand Protection:**

Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.

**Eye Protection:**

Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection.

**General Safety and Hygiene Measures:**

Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing. Before wearing wash contaminated clothing. Do not eat, drink or smoke in work areas.

**Section 9: Physical and Chemical Properties**

**Appearance:** White Liquid

**Odor:** Slightly sweet odor

**Odor Threshold:** Not determined

**pH:** 6-9

**Freezing Point:** Approx. 32°F (0°C)

**Boiling Point:** 212°F (100°C)

**Flashpoint:** Not determined

**Evaporation Rate:** Not determined

**Flammability:** Not flammable

**Lower Explosion Limits:** Not determined

**Upper explosion limits:** Not determined

**Vapor Pressure:** 17 mmHg @ 20°C (68°F)

**Vapor Density:** <1

**Relative Density:** 1.0 – 1.03 @ 72°(22°C)

**Solubility in Water:** miscible

**Partition Coefficient n-octanol/water:** Not determined

**Auto-ignition Temperature:** Not determined

**Decomposition Temperature:** Not determined

**Viscosity:** Not determined

## Section 10: Stability and Reactivity

### Reactivity

Non-reactive under normal conditions.

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Incompatible materials.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

Carbon oxides.

## Section 11: Toxicological Information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

No additional information.

### Assessment Other Acute Effects

No additional information.

### Irritation / Corrosion

No additional information.

### Sensitization

No additional information.

### Chronic Toxicity/Effects

No additional information.

### Genetic Toxicity

No additional information.

### Carcinogenicity

No additional information.

### Reproductive toxicity

No additional information.

### Teratogenicity

No additional information.

### Development

No additional information.

### Symptoms of Exposure

None

## Section 12: Ecological Information

### **Toxicity**

#### Aquatic Toxicity

No additional information.

### **Microorganisms/Effect on Activated Sludge**

No additional information.

### **Persistence and Degradability**

No additional information.

### **Bioaccumulation Potential**

No additional information.

### **Mobility in soil**

No additional information.

### **Additional information**

None

## Section 13: Disposal Considerations

Dispose of in accordance with local, state, and federal regulations.

## Section 14: Transport Information

### **DOT (Department of Transportation)**

**Proper Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN Number:** Not applicable

**Packing Group:** Not applicable

**Label:** Not applicable

**Placard:** Not applicable

### **NMFC (National Motor Freight Carriers)**

**Freight Class:** 70

## Section 15: Regulatory Information

**EPCRA 311/312 (hazard categories):** Acute; Chronic

**EPCRA 313:**

**CAS Number Chemical name**

None of the ingredients is listed

**CERCLA RQ CAS Number Chemical name**

None of the ingredients is listed

**State regulations**

**State RTK CAS Number Chemical name**

None of the ingredients is listed

**CA Prop. 65:**

None of the ingredients is listed

**NFPA Hazard codes:**

Health : 0 - Fire: 0 - Reactivity: 0 - Special:

**HMIS III rating**

Health: 0 - Flammability: 0 - Physical hazard: 0

## Section 16: Other Information

The information provided in this Safety Data Sheet is correct to the best of Avanti International's knowledge, information and belief at the date of this publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process, unless specified in the text. AVANTI INTERNATIONAL MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Given the variety of factors that can affect the use and application of this product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. Each user is also responsible for evaluating the conditions of use and designing the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. Avanti International assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.