



**AV-257 ICOSET
SAFETY DATA SHEET**
Date Issued: 06/01/2015

Section 1: Identification

GHS Product Identifier: AV-257 Icoset

Classification: Additive

Product Use: Industrial Use Only

Supplier

Avanti International
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24 HR. EMERGENCY TELEPHONE NUMBER

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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

Signal Word:	None
Hazards Statements:	None
Precautionary Statements:	General:
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

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