

Material Safety Data Sheet

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Product Identification

Product Name: AV-284 PUMP WASH

Composition/Ingredient Information

Ingredient Name / CAS Number	Exposure Limits	Concentration
Dimethyl Glutarate CAS #1119-40-0	OSHA: Not established ACGIH: Not established	Trade Secret
Dimethyl Adipate CAS #627-93-0	OSHA: Not established ACGIH: Not established	Trade Secret
Dimethyl Succinate CAS #67-56-1	OSHA: Not established ACGIH: Not established	Trade Secret
2-(2-ethoxyethoxy) Ethyl Acetate CAS #112-15-2	OSHA: Not established ACGIH: Not established	Trade Secret

Hazards Information

Primary Route(s) of Entry: Skin absorption, inhalation, and eye contact.

Health Hazards: Severe eye irritation, severe skin and upper respiratory irritation are possible. This material is a known skin and pulmonary sensitizer.

Eye Contact: Vapors can be irritating to the eyes including redness, tearing, and blurred vision.

Skin Contact: Exposure can cause redness, and irritation. It can cause skin sensitization.

Ingestion: No effects listed.

Inhalation: Exposure can cause upper respiratory tract irritation. Pulmonary sensitization can occur in some individuals leading to asthma like spasms of the bronchial tubes and difficulty in breathing.

First Aid Measures

Eyes: Flush with plenty of water for at least 15 minutes. Get immediate medical attention.

Skin: Wash thoroughly with soap and water. If irritation develops, consult a physician. All contaminated clothing should be washed prior to reuse.

Inhalation: Remove to fresh air. If breathing has stopped administer artificial respiration. If breathing is difficult, administer oxygen and get medical attention. Asthma like symptoms may develop.

Ingestion: Drink one to two glasses of milk or water. If gastrointestinal symptoms develop, get immediate medical attention. (Never give anything by mouth to an unconscious or convulsing person.)

Fire and Explosion Hazards

Flash Point: 212°F (100°C) COC

Flammable Limits: LEL: 0.9% UEL: 8.0%

Extinguishing Media: Dry chemical, carbon dioxide, foam, or water.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Do not release fire water run off into sewers or water ways.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may collect in low lying areas. Exposure to flames or arc welding may produce highly toxic gases due to thermal decomposition or combustion of the product.

Accidental Release Measures

Spill or Leak Procedures: Eliminate all ignition sources and evacuate spill area; with adequate ventilation, cover the spill with an inert absorbent material. Place in a proper waste container. Wear respirator and other protective equipment for protection of eyes and skin during cleanup.

Handling and Storage

Storage: Store in a cool and dry, well ventilated area.

Handling: Handling: Use only in well ventilated areas, unless used with recommended respiratory protection. Empty containers of this material may be hazardous when empty since they retain product residues; observe all warnings and precautions listed for the product.

Exposure Controls and Personal Protection

Respiratory Protection: Wear NIOSH/MSHA approved organic vapor respirator or self-contained breathing apparatus when airborne concentrations are unknown or exceed permissible limits. Air purifying respirators do not protect workers in oxygen deficient atmospheres.

Ventilation: Mechanical general/local exhaust to control vapor or mist below maximum exposure limits.

Protective Clothing: Wear impervious clothing, including boots, gloves, lab coat, apron or coveralls.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain an eye wash fountain and quick drench facilities in the work area.

Other Protective Equipment: Use impervious rubber gloves and boots.

Work/Hygienic Practices: Wash with soap and water after handling. Remove contaminated clothing and wash before next use

Physical and Chemical Properties

Appearance and Odor: Clear liquid, with slightly sweet aroma.

Boiling Point: 385-437°F (196-225°C)

Vapor Pressure (mm Hg @ 147°C): 0.2

Vapor Density: Not determined

Specific Gravity (water=1): 1.095 (+0.005)

Melting Point: Not Determined

Evaporation Rate (butyl acetate): Not Determined

Solubility in Water: ± 5.0%

Stability and Reactivity

Stability: Stable in sealed containers under normal conditions.

Incompatibility (materials to avoid): Strong oxidizing agents, acids, and alkalies.

Hazardous Decomposition Products: Carbon monoxide, and oxides of nitrogen.

Polymerization: Cannot occur.

Toxicological Information

Carcinogenicity: None Listed

IARC monographs: None Listed

Teratogenicity: None Determined

Reproductive Toxicity: Not Determined

Mutagenicity: None Determined

Synergistic products: None

OSHA regulated: No

Ecological Information

None listed.

Disposal Considerations

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

Transport Information

Proper Shipping Name: Non-Regulated AV-284 Pump Wash
 DOT Hazard Classification: None
 UN/NA Number: None
 Packaging Group: None
 Freight Class:
 DOT Labels Required: None
 DOT Placards Required: None

Regulatory Information

	TSCA	SARA 302 RQ	SARA 302 TPQ	SARA 313 LIST	CERCLA	RCRA 261.33	TSCA 8(d)
Dimethyl Glutarate (1119-40-0)	NO	NO	NO	NO	NO	NO	NO
Dimethyl Adipate(627-93-0)	NO	NO	NO	NO	NO	NO	NO
Dimethyl Succinate (67-56-1)	NO	NO	NO	NO	NO	NO	NO
2-(2-ethoxyethoxy) Ethyl Acetate (112-15-2)	NO	NO	NO	NO	NO	NO	NO

Other Information

The information on this MSDS is accurate to the best of Avanti International's knowledge. Avanti International makes no expressed or implied warranty, and in no case shall be liable for consequential, special, or indirect damages resulting from the use or handling of this product.