

**Material Safety Data Sheet**

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**Product Identification**

Product Name: AV-255G ACCELERATOR

**Composition/Ingredient Information**

Ingredient Name / CAS Number	Exposure Limits	Concentration
Tertiary Amine CAS #280-57-9	OSHA PEL: Not Determined ACGIH TWA: Not Determined	Trade Secret
2-(2-ethoxyethoxy) ethyl Acetate CAS #112-15-2	OSHA PEL: Not Determined ACGIH TWA: Not Determined	Trade Secret

**Hazards Information**

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

Health Hazards: This material is a known skin and pulmonary sensitizer.

Eye Contact: Vapors are irritating to the eyes. Splashes may cause severe irritation.

Skin Contact: Can cause skin sensitization.

Ingestion: Information is not available regarding ingestion.

Inhalation: Can cause pulmonary sensitization.

**First Aid Measures**

Eyes: Immediately flush with water for a minimum of 15 minutes. Get medical attention.

Skin: Remove contaminated clothing, flush the skin with water for a minimum of 15 minutes. Wash thoroughly with soap and water. If irritation develops/persists; get medical attention. Wash clothing and thoroughly clean shoes before reuse.

Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.

Ingestion: Do not induce vomiting. Give one to two cups of water or milk to drink. Get medical attention immediately. (Never give anything by the mouth to an unconscious or convulsing person.)

**Fire and Explosion Hazards**

Flash Point: 225 °F (107°C) CC

Flammable Limits: Not Determined

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

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing.

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

**Accidental Release Measures**

Spill or Leak Procedures: Ventilate area of spill or leak. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Keep unnecessary personnel from entering the area. Contain and recover the liquid where possible. Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not flush to the sewer.

**Handling and Storage**

Storage: Protect against physical damage. Store in a cool dry well ventilated area, away from sunlight and incompatibles.  
Handling: Use only in well ventilated areas, unless used with recommended respiratory protection. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquids); observe all warnings and precautions listed for the product.

**Exposure Controls and Personal Protection**

Respiratory Protection: If the exposure limit is exceeded and engineering controls are not feasible, wear a supplied air, full face respirator, airlined hood, or full face piece self contained breathing apparatus. Breathing air quality must meet the requirements of OSHA respiratory protection standard (29CFR1910.134). This substance has poor warning properties.

Ventilation: Mechanical general/local exhaust to control vapor or mist below maximum exposure limits. Please refer to the ACIGH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition for details. Use explosion proof equipment.

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: Pale yellow liquid, ammonia odor

Boiling Point: 418°F (214°C) @ 760 mm Hg

Vapor Pressure (mm Hg @ 20°C): < 0.2

Vapor Density: Not Listed

Specific Gravity (water=1): 1.05 @68/39.8°F (20/4°C)

Melting Point: Not Listed

Evaporation Rate (butyl acetate): Not Listed

Solubility in Water: Soluble

**Stability and Reactivity**

Stability: Stable under normal storage and handling conditions.

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

Hazardous Decomposition Products: Thermal decomposition can produce carbon monoxide, and oxides of nitrogen.

Polymerization: will not occur.

**Toxicological Information**

Oral rat LD<sub>50</sub>: >700 mg/kg

Skin rabbit LD<sub>50</sub>: >2000 mg/kg

Carcinogenicity: No information available

IARC monographs: None

Teratogenicity: None

Reproductive Toxicity: None

Mutagenicity: None

Synergistic products: None

OSHA regulated: No

**Ecological Information**

When released into the soil, this material is expected to slowly biodegrade. When released into the soil, this material is expected to leach into the groundwater. When released into water this material is expected to readily disperse. This material is expected to be slightly toxic to aquatic life.

**Disposal Considerations**

Dispose of container and unused contents in accordance with federal, state, and local requirements.

**Transport Information**

Proper Shipping Name: Non-Regulated Tertiare Amine, liquid  
 DOT Hazard Classification:  
 UN/NA Number:  
 Packaging Group:  
 Freight Class:  
 DOT Labels Required:  
 DOT Placards Required:

**Regulatory Information**

	TSCA	SARA 302 RQ	TPQ	SARA 313 LIST	CERCLA	RCRA 261.33	TSCA 8(d)
Tertiare Amine (280-57-9):	NO	NO	NO	NO	NO	NO	NO
2-(2-ethoxyethoxy)ethyl acetate (112-15-2):	NO	NO	NO	NO	NO	NO	NO

**Other Information**

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