

Material Safety Data Sheet

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Product Identification

Product Name: AV-281 HYDROCEL

Composition/Ingredient Information

Ingredient Name / CAS Number	Exposure Limits	Concentration
Di(2-ethylexyl) phthalate CAS #117-81-7	OSHA PEL: 5 mg/m ³ ACGIH TLV: 5 mg/m ³	90-95%
Coco Alkyl Amine CAS #671788-46-3	OSHA PEL: Not listed ACGIH TLV: Not listed	5-10%

Hazards Information

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

Health Hazards: Repeated overexposure to this material may lead to skin and/or respiratory sensitization.

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

Skin Contact: Skin sensitization/irritation may develop after repeated or prolonged contact.

Ingestion: Ingesting this material can irritate the mouth, throat, and stomach.

Inhalation: Prolonged exposure may cause respiratory discomfort.

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 is difficult, administer oxygen and get medical attention.

Ingestion: Drink 1-2 glasses of milk or water and induce vomiting. Get medical attention. (Never give anything by mouth to an unconscious or convulsing person.)

Fire and Explosion Hazards

Flash Point: 350°F (177°C)

Flammable Limits: LEL: 2.0% UEL: 12.7%

Extinguishing Media: Alcohol, dry chemical, carbon dioxide, foam, or water.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Spray fire exposed containers with cold water to minimize risk of rupture. Dike and collect fire water for disposal. Do not release fire water runoff into sewers or waterways.

Unusual Fire and Explosion Hazards: Combustible Liquid, OSHA Class IIIB. Empty containers retain product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to flame, heat, sparks, static electricity, or other sources of ignition.

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. Avoid runoff into storm sewers and ditches that lead to waterways. 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. Keep containers tightly sealed to prevent moisture contamination.

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 mild odor.

Boiling Point: 180°F (82°C)

Vapor Pressure (mmHg): Not Listed

Vapor Density: Heavier than air

Specific Gravity (water=1): 0.9256 (+0.005)

Melting Point: Not Listed

Evaporation Rate (butyl acetate): Not Listed

Solubility in Water: Negligible

Stability and Reactivity

Stability: Stable in sealed containers under normal conditions.

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

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

Polymerization: Will not 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 Hydrofoam Catalyst
DOT Hazard Classification: None
UN/NA Number: None
Packaging Group: None
Freight Class: 55
DOT Labels Required: None
DOT Placards Required: None

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.