

Gadolinium Acetate: sc-358663



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1: Product Identification

Product Name: Gadolinium Acetate

Product Number: sc-358663

Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800

Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

Section 2: Composition and Information on Ingredients

Ingredient	CAS Number	Percent	ACGIH (TWA)	OSHA (PEL)
Title Compound	15280-53-2	100%	no data	no data

Section 3: Hazards Identification

Emergency Overview: Irritating to skin, eyes and respiratory tract. May be harmful if swallowed.

Primary Routes of Exposure: Ingestion, inhalation

Eye Contact: Causes slight to mild irritation of the eyes.

Skin Contact: Causes slight to mild irritation of the skin.

Inhalation: Irritating to the nose, mucous membranes and respiratory tract.

Ingestion: No information on the physiological effects of ingestion. May be harmful if swallowed.

Acute Health Affects: Irritating to skin, eyes and respiratory tract.

Chronic Health Affects: No information available on long-term chronic effects.

NTP: No

IARC: No

OSHA: No

SECTION 4: First Aid Measures

Eye Exposure: Immediately flush the eyes with copious amounts of water for at least 10-15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention.

Skin Exposure: Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

Inhalation: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.

Ingestion: Seek medical attention immediately. Keep the victim calm. Give the victim water (only if conscious).

SECTION 5: Fire Fighting Measures

Flash Point: not applicable

Autoignition Temperature: none

Explosion Limits: none

Extinguishing Medium: carbon dioxide, dry powder or foam

Special Fire Fighting Procedures: If involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

Hazardous Combustion and Decomposition Products: If involved in a fire this material may emit toxic organic fumes.

Unusual Fire or Explosion Hazards: No unusual fire or explosion hazards.

SECTION 6: Accidental Release Measures

Spill and Leak Procedures: Small spills can be mixed with vermiculite or sodium carbonate and swept up.

SECTION 7: Handling and Storage

Handling and Storage: Store in a sealed container. Keep away from heat and moisture. Store at room temperature.

SECTION 8: Exposure Controls and Personal Protection

Eye Protection: Always wear approved safety glasses when handling a chemical substance in the laboratory.

Skin Protection: Wear appropriate chemical resistant gloves and protective clothing.

Ventilation: Material may form a fine dust. If possible, handle the material in an efficient fume hood.

Respirator: If in form of fine dust and ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 1910.134.

Ventilation: Material may form a fine dust. If possible, handle the material in an efficient fume hood.

Additional Protection: No additional protection required.

SECTION 9: Physical and Chemical Properties

Form: Solid

Molecular Weight: 406.44

Molecular Formula: C₆H₁₇GdO₁₀

Melting Point: no data

Boiling Point: no data

Vapor Pressure: not applicable

Specific Gravity: 1.611

Odor: none

Solubility in Water: 11.6g/100cc (25°C)

SECTION 10: Stability and Reactivity

Stability: air and moisture stable solid

Hazardous Polymerization: no hazardous polymerization

Conditions to Avoid: none

Incompatibility: Oxidizing agents and active metals

Decomposition Products: Carbon dioxide, carbon monoxide, organic vapors, and metal oxides and carbonates.

SECTION 11: Toxicological Information

RTECS Data: No information available in the RTECS files.

Carcinogenic Effects: No data available

Mutagenic Effects: No data available

Teratogenic Effects: No data available

SECTION 12: Ecological Information

Ecological Information: No information available

SECTION 13: Disposal Considerations

Disposal: Dispose of according to local, state and federal regulations.

SECTION 14: Transportation

Shipping Name (CFR): Non-hazardous

Hazard Class (CFR): NA

Additional Hazard Class (CFR): NA

Packaging Group (CFR): NA

UN ID Number (CFR): NA

Shipping Name (IATA): Non-hazardous
Hazard Class (IATA): NA
Additional Hazard Class (IATA): NA
Packaging Group (IATA): NA
UN ID Number (IATA): NA

SECTION 15: Regulatory Information

TSCA: Not listed in the TSCA inventory.

SARA (Title 313): Title compound not listed.

Second Ingredient: none

Third Ingredient: none

SECTION 16: Other Information

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

6/24/2013