



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Gadodiamide Hydrate: sc-337851



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION:

**Product Name:** Gadodiamide Hydrate

**Product Number:** sc-337851

**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

### 2. COMPOSITION/DATA ON COMPONENTS:

**Chemical Name:** Gadodiamide Hydrate

**Synonyms:** Omniscan

**Hazardous Ingredient:** Gadodiamide Hydrate

**CAS Registry Number:** 122795-43-1

**Molecular Weight:** 591.68

**Molecular Formula:** C<sub>16</sub>H<sub>26</sub>GdN<sub>5</sub>O<sub>8</sub>·H<sub>2</sub>O

### 3. HAZARDS IDENTIFICATION:

**Hazard Description:**

Toxic. Contains a pharmaceutically active ingredient.

Handling should only be performed by personnel trained and familiar with handling of potent active pharmaceutical ingredients. Moderate to severe irritant to the skin and eyes.

### 4. FIRST AID MEASURES:

**After Inhalation:** If inhaled, remove to fresh air; if breathing is difficult, give oxygen; if breathing stops, give artificial respiration.

**After skin contact:** Flush with copious amounts of water; remove contaminated clothing and shoes; call a physician.

**After eye contact:** Check for and remove contact lenses and flush with copious amounts of water; assure adequate flushing by separating the eyelids with fingers; call a physician.

**After swallowing:** If swallowed, wash out mouth with copious amounts of water; call a physician.

### 5. FIRE FIGHTING MEASURES:

**Suitable extinguishing agents:** Water spray, carbon dioxide, dry chemical powder or foam.

**Protective equipment:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual fire hazard:** Emits toxic fumes such as carbon monoxide, etc.

## 6. ACCIDENTAL RELEASE MEASURES:

**Person-related safety precautions:** Cordon off area of spill; wear self-contained breathing apparatus, protective clothing and heavy rubber gloves

**Measures for cleaning/collecting:** Absorb solutions with finely- powdered liquid-binding material (diatomite, universal binders); decontaminate surfaces and equipment by scrubbing with alcohol; dispose of contaminated material according to Section 13.

## 7. HANDLING AND STORAGE:

**Information for safe handling:** Avoid inhalation and contact with skin, eyes and clothing; material may be an irritant

**Storage:** Store solid and solutions at -20 °C

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

**Personal protective equipment as follows:**

**Breathing equipment:** NIOSH/MSHA-approved respirator

**Protection of hands:** Chemical-resistant rubber gloves.

**Eye protection:** Chemical safety goggles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**Solubility in / Miscibility with water:** Unknown

**Solvent content:** None

## 10. STABILITY AND REACTIVITY:

**Stability:** Stable if stored as directed; avoid strong oxidizing agents.

**Thermal decomposition / conditions to be avoided:** Protect from light and heat.

**Dangerous products of decomposition:** Thermal decomposition may produce toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION:

**RTECS#:**

**Acute toxicity:** none known

**Primary irritant effect:** not known

**On the skin:** none known

**On the eye:** not known; may be an irritant

## 12. ECOLOGICAL INFORMATION:

**General notes:** no data available

## 13. DISPOSAL CONSIDERATION:

Dispose of in accordance with prevailing country, federal, state and local regulations

## 14. TRANSPORT INFORMATION:

**DOT:**

**Proper shipping name:** none

**Non-Hazardous for transport:** this substance is considered to be non-hazardous for transport

**IATA class:**

**Proper shipping name:** none

**Non-Hazardous for transport:** this substance is considered to be non-hazardous for transport

## **15. REGULATIONS:**

**Code letter and hazard designation of product:**

**Hazard-determining components of labeling:**

**EU Risk And Safety phrases:**

- S24/25: Avoid contact with skin and eyes
- S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S28: After contact with skin, wash immediately with plenty of water
- S36/37/39: Wear protective clothing, gloves and eye/face protection
- R28: Very toxic if swallowed R38: Irritating to skin
- R41: Risk of serious damages to eyes
- R48: Toxic; danger of serious damage to health by prolonged exposure
- R62: Possible risk of impaired fertility
- R63: Possible risk of harm to unborn child

## **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.***

10/21/2011