

AM Chemicals, LLC

Material Safety Data Sheet

Version 1.0
Date 11/01/2012

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Universal controlled pore glass 1000Å with unprotected cleavable linker
Company : AM Chemicals LLC
4065 Oceanside Blvd., Ste M
Oceanside, CA 92056-5824
(760) 631-0330
www.amchemicals.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

4-(((3aS,4S,5R,6R,7R,7aR)-6-hydroxy-2-methyl-1,3-dioxooctahydro-1H-4,7-epoxyisoindol-5-yl)oxy)-4-oxobutanoic acid, covalently bound to aminopropyl Controlled Pore Glass 1000Å

3. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards

No known OSHA hazards

HMIS Classification

Health Hazard: 0

Flammability: 0

Physical hazards: 0

NFPA Rating

Health Hazard: 0

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

4. FIRST AID MEASURES

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration.

In case of skin contact
Wash off with soap and plenty of water.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Flammable properties
Flash point: no data available
Ignition temperature: no data available

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Avoid dust formation.

Environmental precautions
Do not let product enter drains.

Methods for cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage
Keep container tightly closed in a dry and well-ventilated place.
Recommended storage temperature: -20 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

For prolonged or repeated contact use protective gloves.

Eye protection

Safety glasses

Hygiene measures

General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form: white solid

Safety data

pH:	6.0-8.0
Melting point:	>300°C
Boiling point:	>300°C
Flash point:	no data available
Ignition Temperature:	no data available
Lower explosion limit:	no data available
Upper explosion limit:	no data available
Water solubility:	no data available

10. STABILITY AND REACTIVITY

Storage stability

Stable under recommended storage conditions.

Materials to avoid

Strong oxidizing agents, strong alkalies

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	no data available
Irritation and corrosion:	no data available
Sensitisation:	no data available
Chronic exposure	
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Potential Health Effects	
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.
Ingestion	May be harmful if swallowed.
12. ECOLOGICAL INFORMATION	
Elimination information (persistence and degradability):	no data available
Ecotoxicity effects:	no data available
Further information on ecology:	no data available
13. DISPOSAL CONSIDERATIONS	
Product	Observe all federal, state, and local environmental regulations.
Contaminated packaging	Dispose of as unused product.
14. TRANSPORT INFORMATION	
DOT (US)	Not dangerous goods

IMDG Not dangerous goods

IATA Not dangerous goods

15. REGULATORY INFORMATION

OSHA Hazards

No known OSHA hazards

TSCA Status

Not On TSCA Inventory

CAS-No. 730963-36-7

Universal controlled pore glass type I -

DSL Status

This product contains the following components that are not on the Canadian DSL nor NDSL lists.

CAS-No.

Universal controlled pore glass type I -

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No Components Listed

Pennsylvania Right To Know Components

Universal controlled pore glass type I

New Jersey Right To Know Components

Universal controlled pore glass, derivatized with(*rel*-3aS,4S,5R,6R,7R,7aR)-6-hydroxy-2-methyl-1,3-dioxooctahydro-1*H*-4,7-epoxyisoindole-5-yl 4-((3-(ethoxydihydrosilyl)propyl)amino)-4-oxobutanoate.

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. AM Chemicals LLC, shall not be held liable for any damage resulting from handling or from contact with the above product.