

Japan Institute for the Control of Aging (JalCA)

MATERIAL SAFETY DATA SHEET

Date updated: June 13, 2007

Product and Company Information

Product Name: Anti thymidine glycol (TG) monoclonal antibody
Product Number: MDT-100P
Manufacture: Japan Institute for the Control of Aging (JalCA),
Nikken SEIL Corporation
Address: 710-1 Haruoka, Fukuroi-shi, Shizuoka, 437-0122 Japan
Technical Phone: +81-538-49-0125
Emergency Phone: +81-538-49-0125
FAX: +81-538-49-1267

Composition / Information on Ingredient

Substance Name	CAS Number
Antibody dissolved in water	None

Hazards Identification

HMIS Rating

Health: 0
Flammability: 0
Reactivity: 0

NFPA Rating

Health: 0
Flammability: 0
Reactivity: 0

First Aid Measures

Oral Exposure:

If swallowed, wash out mouth with water provided person is conscious.
Call a physician immediately.

Inhalation Exposure:

If inhaled, remove to fresh air. If not breathing, give artificial respiration.
Call a physician immediately.

Dermal Exposure:

In case of skin exposure, wash out with water for at least 15 minutes.

Remove contaminated clothing. Call a physician immediately.

Eye Exposure:

In case of eye exposure, wash out with water for at least 15 minutes.

Call a physician immediately.

Fire Fighting Measures

Explosion Hazards:	N/A
Flash Point:	N/A
Autoignition Temperature:	N/A
Flammability:	N/A
Extinguishing Media:	Water spray, carbon dioxide or dry chemical powder.
Firefighting:	Wear self –contained breathing apparatus and protective clothing to prevent with skin and eyes.

Accidental Release Measures

Procedure of Personal Precautions:

Wear respirator, chemical safety goggles, rubber boots and rubber gloves.

Clean-Up Procedure:

Spilled material should be wiped up.

Handling and Storage

Store below –20 degree C.

Exposure Controls

Engineering Controls:

Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:

Respiratory: respirator.

Hand: rubber gloves.

Eye: goggles:

General Hygiene Measures:

Wash thoroughly after handling. Wash contaminated clothing before re-use.

Physical / Chemical Properties

Appearance: lyophilized powder.

Property Value at Room Temperature:

Molecular Weight	N/A
PH	N/A
BP	N/A
MP	N/A

Freezing Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Saturated Vapor Pressure	N/A
SG/ Density:	N/A
Bulk Density:	N/A
Odor Threshold:	N/A
Volatile:	N/A
VOC Content:	N/A
Water Content:	N/A
Solvent Content:	N/A
Evaporation Rate:	N/A
Viscosity:	N/A
Surface Tension:	N/A
Partition Coefficient:	N/A
Decomposition Temperature:	N/A
Flash Point:	N/A
Explosion Limits:	N/A
Flammability:	N/A
Autoignition Temperature:	N/A
Refractive Index:	N/A
Optical Rotation:	N/A
Miscellaneous Data:	N/A
Solubility:	N/A

Stability and Reactivity

Stability: Stable.

Materials to Avoid: N/A.

Hazardous Decomposition Products: Nature of decomposition products is not known.

Toxicological Information

Route of Exposure:

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Inhalation: May cause irritation at mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Ecological Information

N/A

Disposal Information

Contact a professional waste disposal service to dispose this material. Dissolve or mix
The material with a combustible solvent and burn in a chemical incinerator equipped
with an afterburner and scrubber. Observe all environmental regulations.

Transport Information

This substance is considered to be Non-Hazardous for transport.
This substance is considered to be Non-Hazardous for air transport.

Regulatory Information

United States Classification and Label Text:

United States Regulatory Information:

SARA Listed: No.

Other Information

This substance is For Research Use Only.
Not for drug, diagnostic, or other uses.