

SAFETY DATA SHEET

SIEMENS

IMMULITE 2000 IGF-I

**MSDS
no.**

L2KIGF2

Section 1. Identification

GHS product identifier	: IMMULITE 2000 IGF-I	
Product code	: L2KIGF2, 10878570, 11128584	
Other means of identification	: IMMULITE 2000 IGF-I Bead Pack	L2IGF12
	IMMULITE 2000 IGF-I Reagent A	L2IGFA2-A
	IMMULITE 2000 IGF-I Reagent B	L2IGFA2-B
	IMMULITE 2000 IGF-I Sample Diluent	L2GFZ
	IMMULITE IGF-I Adjustors	LGFL, LGFH
Product type	: Liquid.	

Relevant identified uses of the substance or mixture and uses advised against

Not applicable.

Manufactured/supplied	: Siemens Healthcare Diagnostics Inc. 511 Benedict Avenue Tarrytown, NY 10591-5097 USA 1-877-229-3711 (800) 424-9300 (CHEMTREC) (24/365)
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Section 2. Hazards identification

OSHA/HCS status	: IMMULITE 2000 IGF-I Bead Pack	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	IMMULITE 2000 IGF-I Reagent A	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	IMMULITE 2000 IGF-I Reagent B	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	IMMULITE 2000 IGF-I Sample Diluent	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	IMMULITE IGF-I Adjustors	While this material is not considered

Section 2. Hazards identification

hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture

: IMMULITE 2000 IGF-I Bead Pack
IMMULITE 2000 IGF-I Reagent A
IMMULITE 2000 IGF-I Reagent B
IMMULITE 2000 IGF-I Sample Diluent
IMMULITE IGF-I Adjustors

Not classified.
Not classified.
Not classified.
Not classified.
Not classified.

GHS label elements

Signal word

: IMMULITE 2000 IGF-I Bead Pack
IMMULITE 2000 IGF-I Reagent A
IMMULITE 2000 IGF-I Reagent B
IMMULITE 2000 IGF-I Sample Diluent
IMMULITE IGF-I Adjustors

No signal word.
No signal word.
No signal word.
No signal word.
No signal word.

Hazard statements

: IMMULITE 2000 IGF-I Bead Pack

IMMULITE 2000 IGF-I Reagent A

IMMULITE 2000 IGF-I Reagent B

IMMULITE 2000 IGF-I Sample Diluent

IMMULITE IGF-I Adjustors

No known significant effects or critical hazards.
No known significant effects or critical hazards.
No known significant effects or critical hazards.
No known significant effects or critical hazards.
No known significant effects or critical hazards.

Precautionary statements

Prevention

: IMMULITE 2000 IGF-I Bead Pack
IMMULITE 2000 IGF-I Reagent A
IMMULITE 2000 IGF-I Reagent B
IMMULITE 2000 IGF-I Sample Diluent
IMMULITE IGF-I Adjustors

Not applicable.
Not applicable.
Not applicable.
Not applicable.
Not applicable.

Response

: IMMULITE 2000 IGF-I Bead Pack
IMMULITE 2000 IGF-I Reagent A
IMMULITE 2000 IGF-I Reagent B
IMMULITE 2000 IGF-I Sample Diluent
IMMULITE IGF-I Adjustors

Not applicable.
Not applicable.
Not applicable.
Not applicable.
Not applicable.

Storage

: IMMULITE 2000 IGF-I Bead Pack
IMMULITE 2000 IGF-I Reagent A
IMMULITE 2000 IGF-I Reagent B
IMMULITE 2000 IGF-I Sample Diluent
IMMULITE IGF-I Adjustors

Not applicable.
Not applicable.
Not applicable.
Not applicable.
Not applicable.

Disposal

: IMMULITE 2000 IGF-I Bead Pack
IMMULITE 2000 IGF-I Reagent A
IMMULITE 2000 IGF-I Reagent B
IMMULITE 2000 IGF-I Sample Diluent
IMMULITE IGF-I Adjustors

Not applicable.
Not applicable.
Not applicable.
Not applicable.
Not applicable.

Supplemental label elements

: IMMULITE 2000 IGF-I Bead Pack
IMMULITE 2000 IGF-I Reagent A
IMMULITE 2000 IGF-I Reagent B
IMMULITE 2000 IGF-I Sample Diluent
IMMULITE IGF-I Adjustors

None known.
None known.
None known.
None known.
None known.

Hazards not otherwise classified

: IMMULITE 2000 IGF-I Bead Pack
IMMULITE 2000 IGF-I Reagent A
IMMULITE 2000 IGF-I Reagent B
IMMULITE 2000 IGF-I Sample Diluent
IMMULITE IGF-I Adjustors

None known.
None known.
None known.
None known.
None known.

Section 3. Composition/information on ingredients

Substance/mixture	:	IMMULITE 2000 IGF-I Bead Pack	Mixture
		IMMULITE 2000 IGF-I Reagent A	Mixture
		IMMULITE 2000 IGF-I Reagent B	Mixture
		IMMULITE 2000 IGF-I Sample Diluent	Mixture
		IMMULITE IGF-I Adjustors	Mixture

Ingredient name	%	CAS number
IMMULITE 2000 IGF-I Reagent A aminocaproic acid	1.2	60-32-2
IMMULITE 2000 IGF-I Reagent B aminocaproic acid	1.2	60-32-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	:	IMMULITE 2000 IGF-I Bead Pack	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		IMMULITE 2000 IGF-I Reagent A	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		IMMULITE 2000 IGF-I Reagent B	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		IMMULITE 2000 IGF-I Sample Diluent	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
		IMMULITE IGF-I Adjustors	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	:	IMMULITE 2000 IGF-I Bead Pack	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
		IMMULITE 2000 IGF-I Reagent A	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
		IMMULITE 2000 IGF-I Reagent B	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition

Section 4. First aid measures

products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

IMMULITE 2000 IGF-I Sample Diluent

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

IMMULITE IGF-I Adjustors

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin contact

: IMMULITE 2000 IGF-I Bead Pack

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

IMMULITE 2000 IGF-I Reagent A

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

IMMULITE 2000 IGF-I Reagent B

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

IMMULITE 2000 IGF-I Sample Diluent

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

IMMULITE IGF-I Adjustors

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion

: IMMULITE 2000 IGF-I Bead Pack

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

IMMULITE 2000 IGF-I Reagent A

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

IMMULITE 2000 IGF-I Reagent B

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce

Section 4. First aid measures

IMMULITE 2000 IGF-I Sample Diluent

vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

IMMULITE IGF-I Adjustors

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact

: IMMULITE 2000 IGF-I Bead Pack

No known significant effects or critical hazards.

IMMULITE 2000 IGF-I Reagent A

No known significant effects or critical hazards.

IMMULITE 2000 IGF-I Reagent B

No known significant effects or critical hazards.

IMMULITE 2000 IGF-I Sample Diluent

No known significant effects or critical hazards.

IMMULITE IGF-I Adjustors

No known significant effects or critical hazards.

Inhalation

: IMMULITE 2000 IGF-I Bead Pack

No known significant effects or critical hazards.

IMMULITE 2000 IGF-I Reagent A

No known significant effects or critical hazards.

IMMULITE 2000 IGF-I Reagent B

No known significant effects or critical hazards.

IMMULITE 2000 IGF-I Sample Diluent

No known significant effects or critical hazards.

IMMULITE IGF-I Adjustors

No known significant effects or critical hazards.

Skin contact

: IMMULITE 2000 IGF-I Bead Pack

No known significant effects or critical hazards.

IMMULITE 2000 IGF-I Reagent A

No known significant effects or critical hazards.

IMMULITE 2000 IGF-I Reagent B

No known significant effects or critical hazards.

IMMULITE 2000 IGF-I Sample Diluent

No known significant effects or critical hazards.

IMMULITE IGF-I Adjustors

No known significant effects or critical hazards.

Ingestion

: IMMULITE 2000 IGF-I Bead Pack

No known significant effects or critical hazards.

IMMULITE 2000 IGF-I Reagent A

No known significant effects or critical hazards.

IMMULITE 2000 IGF-I Reagent B

No known significant effects or critical hazards.

IMMULITE 2000 IGF-I Sample Diluent

No known significant effects or critical hazards.

Section 4. First aid measures

IMMULITE IGF-I Adjustors

No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	No specific data. No specific data. No specific data. No specific data. No specific data.
Inhalation	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	No specific data. No specific data. No specific data. No specific data. No specific data.
Skin contact	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	No specific data. No specific data. No specific data. No specific data. No specific data.
Ingestion	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	No specific data. No specific data. No specific data. No specific data. No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	: In case of fire, use water spray (fog), foam or dry chemical.
Unsuitable extinguishing media	: None known.

Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.
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Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides
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Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Section 8. Exposure controls/personal protection

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

- Physical state** : IMMULITE 2000 IGF-I Bead Pack Solid.
IMMULITE 2000 IGF-I Reagent A Liquid.
IMMULITE 2000 IGF-I Reagent B Liquid.
IMMULITE 2000 IGF-I Sample Diluent Liquid.
IMMULITE IGF-I Adjustors Liquid.
- Color** : IMMULITE 2000 IGF-I Bead Pack Not available.
IMMULITE 2000 IGF-I Reagent A Clear to pale yellow.
IMMULITE 2000 IGF-I Reagent B Clear to pale yellow.
IMMULITE 2000 IGF-I Sample Diluent Clear.
IMMULITE IGF-I Adjustors Clear.
- Odor** : IMMULITE 2000 IGF-I Bead Pack Odorless.
IMMULITE 2000 IGF-I Reagent A Odorless.
IMMULITE 2000 IGF-I Reagent B Odorless.
IMMULITE 2000 IGF-I Sample Diluent Odorless.
IMMULITE IGF-I Adjustors Odorless.
- pH** : IMMULITE 2000 IGF-I Bead Pack Not applicable.
IMMULITE 2000 IGF-I Reagent A 8.4
IMMULITE 2000 IGF-I Reagent B 8.4
IMMULITE 2000 IGF-I Sample Diluent 2.7
IMMULITE IGF-I Adjustors 3
- Flash point** : IMMULITE 2000 IGF-I Bead Pack [Product does not sustain combustion.]
IMMULITE 2000 IGF-I Reagent A [Product does not sustain combustion.]
IMMULITE 2000 IGF-I Reagent B [Product does not sustain combustion.]
IMMULITE 2000 IGF-I Sample Diluent [Product does not sustain combustion.]
IMMULITE IGF-I Adjustors [Product does not sustain combustion.]
- Flammability (solid, gas)** : IMMULITE 2000 IGF-I Bead Pack Not available.
IMMULITE 2000 IGF-I Reagent A Not available.
IMMULITE 2000 IGF-I Reagent B Not available.
IMMULITE 2000 IGF-I Sample Diluent Not available.
IMMULITE IGF-I Adjustors Not available.
- Relative density** : IMMULITE 2000 IGF-I Bead Pack Not available.
IMMULITE 2000 IGF-I Reagent A Not available.
IMMULITE 2000 IGF-I Reagent B Not available.
IMMULITE 2000 IGF-I Sample Diluent Not available.
IMMULITE IGF-I Adjustors Not available.

Section 9. Physical and chemical properties

Solubility in water	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	Not available. Not available. Not available. Not available. Not available.
Partition coefficient: n-octanol/water	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	Not available. Not available. Not available. Not available. Not available.
Auto-ignition temperature	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	Not available. Not available. Not available. Not available. Not available.
Viscosity	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	Not available. Not available. Not available. Not available. Not available.
Aerosol product		
Type of aerosol	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

Section 10. Stability and reactivity

Reactivity	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	The product is stable. The product is stable. The product is stable. The product is stable. The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.	
Conditions to avoid	: No specific data.	
Incompatible materials	: No specific data.	
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.	

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Not available.

Conclusion/Summary	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
IMMULITE 2000 IGF-I Reagent A aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
IMMULITE 2000 IGF-I Reagent B aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-

Conclusion/Summary

Skin	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.
Eyes	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.
Respiratory	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.

Sensitization

Not available.

Conclusion/Summary

Skin	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.
Respiratory	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.

Mutagenicity

Not available.

Conclusion/Summary	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.

Carcinogenicity

Section 11. Toxicological information

Not available.

Conclusion/Summary	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	Not available. Not available. Not available. Not available. Not available.
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Reproductive toxicity

Not available.

Conclusion/Summary	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	Not available. Not available. Not available. Not available. Not available.
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Teratogenicity

Not available.

Conclusion/Summary	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	Not available. Not available. Not available. Not available. Not available.
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Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	Not available. Not available. Not available. Not available. Not available.
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Potential acute health effects

Eye contact	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
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Inhalation	: IMMULITE 2000 IGF-I Bead Pack IMMULITE 2000 IGF-I Reagent A IMMULITE 2000 IGF-I Reagent B IMMULITE 2000 IGF-I Sample Diluent IMMULITE IGF-I Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
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Section 11. Toxicological information

Skin contact	: IMMULITE 2000 IGF-I Bead Pack	No known significant effects or critical hazards.
	IMMULITE 2000 IGF-I Reagent A	No known significant effects or critical hazards.
	IMMULITE 2000 IGF-I Reagent B	No known significant effects or critical hazards.
	IMMULITE 2000 IGF-I Sample Diluent	No known significant effects or critical hazards.
	IMMULITE IGF-I Adjustors	No known significant effects or critical hazards.
Ingestion	: IMMULITE 2000 IGF-I Bead Pack	No known significant effects or critical hazards.
	IMMULITE 2000 IGF-I Reagent A	No known significant effects or critical hazards.
	IMMULITE 2000 IGF-I Reagent B	No known significant effects or critical hazards.
	IMMULITE 2000 IGF-I Sample Diluent	No known significant effects or critical hazards.
	IMMULITE IGF-I Adjustors	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: IMMULITE 2000 IGF-I Bead Pack	No specific data.
	IMMULITE 2000 IGF-I Reagent A	No specific data.
	IMMULITE 2000 IGF-I Reagent B	No specific data.
	IMMULITE 2000 IGF-I Sample Diluent	No specific data.
	IMMULITE IGF-I Adjustors	No specific data.
Inhalation	: IMMULITE 2000 IGF-I Bead Pack	No specific data.
	IMMULITE 2000 IGF-I Reagent A	No specific data.
	IMMULITE 2000 IGF-I Reagent B	No specific data.
	IMMULITE 2000 IGF-I Sample Diluent	No specific data.
	IMMULITE IGF-I Adjustors	No specific data.
Skin contact	: IMMULITE 2000 IGF-I Bead Pack	No specific data.
	IMMULITE 2000 IGF-I Reagent A	No specific data.
	IMMULITE 2000 IGF-I Reagent B	No specific data.
	IMMULITE 2000 IGF-I Sample Diluent	No specific data.
	IMMULITE IGF-I Adjustors	No specific data.
Ingestion	: IMMULITE 2000 IGF-I Bead Pack	No specific data.
	IMMULITE 2000 IGF-I Reagent A	No specific data.
	IMMULITE 2000 IGF-I Reagent B	No specific data.
	IMMULITE 2000 IGF-I Sample Diluent	No specific data.
	IMMULITE IGF-I Adjustors	No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.
Potential delayed effects	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.

Long term exposure

Potential immediate effects	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.

Section 11. Toxicological information

Potential delayed effects	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.

Potential chronic health effects

Not available.

Conclusion/Summary	: Not available.	IMMULITE 2000 IGF-I Bead Pack
	Not available.	IMMULITE 2000 IGF-I Reagent A
	Not available.	IMMULITE 2000 IGF-I Reagent B
	Not available.	IMMULITE 2000 IGF-I Sample Diluent
	Not available.	IMMULITE IGF-I Adjustors

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
IMMULITE 2000 IGF-I Reagent A Oral	85714.3 mg/kg
IMMULITE 2000 IGF-I Reagent B Oral	85714.3 mg/kg

Interactive effects	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.

Other information	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.

Section 12. Ecological information

Toxicity

Not available.

Conclusion/Summary	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.

Persistence and degradability

Conclusion/Summary	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.

Section 12. Ecological information

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
IMMULITE 2000 IGF-I Reagent A aminocaproic acid	-2.95	-	low
IMMULITE 2000 IGF-I Reagent B aminocaproic acid	-2.95	-	low

Mobility in soil

Soil/water partition coefficient (K_{oc})	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.
Mobility	: IMMULITE 2000 IGF-I Bead Pack	Not available.
	IMMULITE 2000 IGF-I Reagent A	Not available.
	IMMULITE 2000 IGF-I Reagent B	Not available.
	IMMULITE 2000 IGF-I Sample Diluent	Not available.
	IMMULITE IGF-I Adjustors	Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

DOT Classification

UN number	IMMULITE 2000 IGF-I Bead Pack	Not regulated.
	IMMULITE 2000 IGF-I Reagent A	Not regulated.
	IMMULITE 2000 IGF-I Reagent B	Not regulated.
	IMMULITE 2000 IGF-I Sample Diluent	Not regulated.
	IMMULITE IGF-I Adjustors	Not regulated.
UN proper shipping name	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-
Transport hazard class(es)	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-

Section 14. Transport information

Packing group	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-
Environmental hazards	IMMULITE 2000 IGF-I Bead Pack	No.
	IMMULITE 2000 IGF-I Reagent A	No.
	IMMULITE 2000 IGF-I Reagent B	No.
	IMMULITE 2000 IGF-I Sample Diluent	No.
	IMMULITE IGF-I Adjustors	No.
Additional information	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-

TDG Classification

UN number	IMMULITE 2000 IGF-I Bead Pack	Not regulated.
	IMMULITE 2000 IGF-I Reagent A	Not regulated.
	IMMULITE 2000 IGF-I Reagent B	Not regulated.
	IMMULITE 2000 IGF-I Sample Diluent	Not regulated.
	IMMULITE IGF-I Adjustors	Not regulated.
UN proper shipping name	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-
Transport hazard class(es)	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-

Packing group	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-
Environmental hazards	IMMULITE 2000 IGF-I Bead Pack	No.
	IMMULITE 2000 IGF-I Reagent A	No.
	IMMULITE 2000 IGF-I Reagent B	No.
	IMMULITE 2000 IGF-I Sample Diluent	No.
	IMMULITE IGF-I Adjustors	No.
Additional information	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-

Mexico Classification

UN number	IMMULITE 2000 IGF-I Bead Pack	Not regulated.
	IMMULITE 2000 IGF-I Reagent A	Not regulated.
	IMMULITE 2000 IGF-I Reagent B	Not regulated.
	IMMULITE 2000 IGF-I Sample Diluent	Not regulated.
	IMMULITE IGF-I Adjustors	Not regulated.

Section 14. Transport information

UN proper shipping name IMMULITE 2000 IGF-I Bead Pack -
IMMULITE 2000 IGF-I Reagent A -
IMMULITE 2000 IGF-I Reagent B -
IMMULITE 2000 IGF-I Sample Diluent -
IMMULITE IGF-I Adjustors -

Transport hazard class(es) IMMULITE 2000 IGF-I Bead Pack -
IMMULITE 2000 IGF-I Reagent A -
IMMULITE 2000 IGF-I Reagent B -
IMMULITE 2000 IGF-I Sample Diluent -
IMMULITE IGF-I Adjustors -

Packing group IMMULITE 2000 IGF-I Bead Pack -
IMMULITE 2000 IGF-I Reagent A -
IMMULITE 2000 IGF-I Reagent B -
IMMULITE 2000 IGF-I Sample Diluent -
IMMULITE IGF-I Adjustors -

Environmental hazards IMMULITE 2000 IGF-I Bead Pack No.
IMMULITE 2000 IGF-I Reagent A No.
IMMULITE 2000 IGF-I Reagent B No.
IMMULITE 2000 IGF-I Sample Diluent No.
IMMULITE IGF-I Adjustors No.

Additional information IMMULITE 2000 IGF-I Bead Pack -
IMMULITE 2000 IGF-I Reagent A -
IMMULITE 2000 IGF-I Reagent B -
IMMULITE 2000 IGF-I Sample Diluent -
IMMULITE IGF-I Adjustors -

ADR/RID

UN number IMMULITE 2000 IGF-I Bead Pack Not regulated.
IMMULITE 2000 IGF-I Reagent A Not regulated.
IMMULITE 2000 IGF-I Reagent B Not regulated.
IMMULITE 2000 IGF-I Sample Diluent Not regulated.
IMMULITE IGF-I Adjustors Not regulated.

UN proper shipping name IMMULITE 2000 IGF-I Bead Pack -
IMMULITE 2000 IGF-I Reagent A -
IMMULITE 2000 IGF-I Reagent B -
IMMULITE 2000 IGF-I Sample Diluent -
IMMULITE IGF-I Adjustors -

Transport hazard class(es) IMMULITE 2000 IGF-I Bead Pack -
IMMULITE 2000 IGF-I Reagent A -
IMMULITE 2000 IGF-I Reagent B -
IMMULITE 2000 IGF-I Sample Diluent -
IMMULITE IGF-I Adjustors -

Packing group IMMULITE 2000 IGF-I Bead Pack -
IMMULITE 2000 IGF-I Reagent A -
IMMULITE 2000 IGF-I Reagent B -
IMMULITE 2000 IGF-I Sample Diluent -
IMMULITE IGF-I Adjustors -

Environmental hazards IMMULITE 2000 IGF-I Bead Pack No.
IMMULITE 2000 IGF-I Reagent A No.
IMMULITE 2000 IGF-I Reagent B No.
IMMULITE 2000 IGF-I Sample Diluent No.
IMMULITE IGF-I Adjustors No.

Section 14. Transport information

Additional information	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-

IMDG

UN number	IMMULITE 2000 IGF-I Bead Pack	Not regulated.
	IMMULITE 2000 IGF-I Reagent A	Not regulated.
	IMMULITE 2000 IGF-I Reagent B	Not regulated.
	IMMULITE 2000 IGF-I Sample Diluent	Not regulated.
	IMMULITE IGF-I Adjustors	Not regulated.

UN proper shipping name	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-

Transport hazard class(es)	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-

Packing group	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-

Environmental hazards	IMMULITE 2000 IGF-I Bead Pack	No.
	IMMULITE 2000 IGF-I Reagent A	No.
	IMMULITE 2000 IGF-I Reagent B	No.
	IMMULITE 2000 IGF-I Sample Diluent	No.
	IMMULITE IGF-I Adjustors	No.

Additional information	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-

IATA

UN number	IMMULITE 2000 IGF-I Bead Pack	Not regulated.
	IMMULITE 2000 IGF-I Reagent A	Not regulated.
	IMMULITE 2000 IGF-I Reagent B	Not regulated.
	IMMULITE 2000 IGF-I Sample Diluent	Not regulated.
	IMMULITE IGF-I Adjustors	Not regulated.

UN proper shipping name	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-

Section 14. Transport information

Transport hazard class(es)	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-
Packing group	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-
Environmental hazards	IMMULITE 2000 IGF-I Bead Pack	No.
	IMMULITE 2000 IGF-I Reagent A	No.
	IMMULITE 2000 IGF-I Reagent B	No.
	IMMULITE 2000 IGF-I Sample Diluent	No.
	IMMULITE IGF-I Adjustors	No.
Additional information	IMMULITE 2000 IGF-I Bead Pack	-
	IMMULITE 2000 IGF-I Reagent A	-
	IMMULITE 2000 IGF-I Reagent B	-
	IMMULITE 2000 IGF-I Sample Diluent	-
	IMMULITE IGF-I Adjustors	-

Special precautions for user	IMMULITE 2000 IGF-I Bead Pack
	IMMULITE 2000 IGF-I Reagent A
	IMMULITE 2000 IGF-I Reagent B
	IMMULITE 2000 IGF-I Sample Diluent
	IMMULITE IGF-I Adjustors

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL and the IBC Code : Not available.

Section 15. Regulatory information

U.S. Federal regulations : TSCA 4(a) proposed test rules: glycine
 TSCA 8(a) PAIR: 1,1'-oxydipropyl-2-ol
 TSCA 8(a) CDR Exempt/Partial exemption: Not determined
 United States inventory (TSCA 8b): Not determined.
 Clean Water Act (CWA) 307: zinc chloride
 Clean Water Act (CWA) 311: zinc chloride; disodium hydrogenorthophosphate

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
IMMULITE 2000 IGF-I Reagent A aminocaproic acid	1.2	No.	No.	No.	Yes.	No.
IMMULITE 2000 IGF-I Reagent B aminocaproic acid	1.2	No.	No.	No.	Yes.	No.

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

Pennsylvania : None of the components are listed.

California Prop. 65

WARNING: This product contains less than 1% of a chemical known to the State of California to cause birth defects or other reproductive harm.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
IMMULITE IGF-I Adjustors gentamicin, sulfate (salt)	No.	Yes.	No.	No.

International regulations

Section 15. Regulatory information

Chemical Weapons Convention List Schedule I Chemicals	: IMMULITE 2000 IGF-I Bead Pack	Not listed
	IMMULITE 2000 IGF-I Reagent A	Not listed
	IMMULITE 2000 IGF-I Reagent B	Not listed
	IMMULITE 2000 IGF-I Sample Diluent	Not listed
	IMMULITE IGF-I Adjustors	Not listed
Chemical Weapons Convention List Schedule II Chemicals	: IMMULITE 2000 IGF-I Bead Pack	Not listed
	IMMULITE 2000 IGF-I Reagent A	Not listed
	IMMULITE 2000 IGF-I Reagent B	Not listed
	IMMULITE 2000 IGF-I Sample Diluent	Not listed
	IMMULITE IGF-I Adjustors	Not listed
Chemical Weapons Convention List Schedule III Chemicals	: IMMULITE 2000 IGF-I Bead Pack	Not listed
	IMMULITE 2000 IGF-I Reagent A	Not listed
	IMMULITE 2000 IGF-I Reagent B	Not listed
	IMMULITE 2000 IGF-I Sample Diluent	Not listed
	IMMULITE IGF-I Adjustors	Not listed

Section 16. Other information

History

Date of issue/Date of revision : 5/6/2016

Version : 1

Key to abbreviations

: ATE = Acute Toxicity Estimate
 BCF = Bioconcentration Factor
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC = Intermediate Bulk Container
 IMDG = International Maritime Dangerous Goods
 LogPow = logarithm of the octanol/water partition coefficient
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 UN = United Nations

Indicates information that has changed from previously issued version.

Notice to reader

Allergen : Not available.