

# SAFETY DATA SHEET

**SIEMENS**

Immulite® EPO Control Module

MSDS no. : LEPCM

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** : Immulite® EPO Control Module  
**Product code** : LEPCM, 10385384  
**Product description** : Not available.

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

Not applicable.

### 1.3 Company/undertaking identification

**Manufactured/supplied** : Siemens Healthcare Diagnostics Limited  
Sir William Siemens Square  
Newton House  
Camberley  
Frimley  
Surrey  
GU16 8QD  
UK

Phone: +44 (0) 1276 696000  
Fax: +44 (0)1276 696133

**e-mail address of person responsible for this SDS** : dx.msds.healthcare@siemens.com

### 1.4 Emergency telephone number

: Poison Control:  
In England and Wales:  
NHS Direct – 0845 4647 or 111  
In Scotland: NHS 24 – 08454 24 24 24  
In the Republic of Ireland: 01 809 2166

CHEMTREC: 0870-8200418 (UK only)  
00 + 1 + 703-527-3887 (UK & Ireland)  
(International calls to the United Kingdom)

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

<b>Product definition</b>	: Immulite® EPO Controls	Mixture
<b><u>Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]</u></b>	<b>Immulite® EPO Controls</b> LONG-TERM AQUATIC HAZARD Immulite® EPO Controls	Category 3  The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.
<b>Ingredients of unknown toxicity</b>	: Immulite® EPO Controls	
<b>Ingredients of unknown ecotoxicity</b>	: Immulite® EPO Controls	
<b><u>Classification according to Directive 1999/45/EC [DPD]</u></b>	Immulite® EPO Controls	The product is classified as dangerous according to Directive 1999/45/EC and its amendments.
<b>Classification</b>	: Immulite® EPO Controls	Xn; R22 R52/53
<b>Physical/chemical hazards</b>	: Immulite® EPO Controls	Not applicable.
<b>Human health hazards</b>	: Immulite® EPO Controls	Harmful if swallowed.
<b>Environmental hazards</b>	: Immulite® EPO Controls	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

<b>Signal word</b>	: Immulite® EPO Controls	No signal word.
<b>Hazard statements</b>	: Immulite® EPO Controls	H412 - Harmful to aquatic life with long lasting effects.
<b><u>Precautionary statements</u></b>		
<b>Prevention</b>	: Immulite® EPO Controls	P273 - Avoid release to the environment.
<b>Response</b>	: Immulite® EPO Controls	Not applicable.
<b>Storage</b>	: Immulite® EPO Controls	Not applicable.
<b>Disposal</b>	: Immulite® EPO Controls	P501 - Dispose of contents and container in accordance with all local, regional, and national regulations.
	:	
<b>Supplemental label elements</b>	: Immulite® EPO Controls	Not applicable.

Immulite® EPO Control Module

## SECTION 2: Hazards identification

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Immulite® EPO Controls Not applicable.

### 2.3 Other hazards

**Other hazards which do not result in classification** : Immulite® EPO Controls None known.

**Additional information** : Potentially biohazardous material.

Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

## SECTION 3: Composition/information on ingredients

**Substance/mixture** : Immulite® EPO Controls Mixture

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
Immulite® EPO Controls sodium azide	EC: 247-852-1 CAS: 26628-22-8 Index: 011-004-00-7	>=0.25, <1	T+; R28 R32 N; R50/53  <b>See Section 16 for the full text of the R-phrases declared above.</b>	Acute Tox. 2, H300 Acute Tox. 1, H310 Aquatic Acute 1, H400 Aquatic Chronic 1, H410  <b>See Section 16 for the full text of the H statements declared above.</b>	[1] [2]

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, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

#### Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern

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

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**Eye contact** : Immulite® EPO Controls Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

## SECTION 4: First aid measures

<b>Inhalation</b>	: Immulite® EPO Controls	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Skin contact</b>	: Immulite® EPO Controls	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<b>Ingestion</b>	: Immulite® EPO Controls	Wash out mouth with water. Remove dentures if any. 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. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Protection of first-aiders</b>	: Immulite® EPO Controls	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

### 4.2 Most important symptoms and effects, both acute and delayed

#### Potential acute health effects

<b>Eye contact</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.
<b>Inhalation</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.
<b>Skin contact</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.
<b>Ingestion</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.

## SECTION 4: First aid measures

### Over-exposure signs/symptoms

Eye contact	: Immulite® EPO Controls	No specific data.
Inhalation	: Immulite® EPO Controls	No specific data.
Skin contact	: Immulite® EPO Controls	No specific data.
Ingestion	: Immulite® EPO Controls	No specific data.

### 4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	: Immulite® EPO Controls	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: Immulite® EPO Controls	No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: None known.

### 5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	: In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous thermal decomposition products	: No specific data.

### 5.3 Advice for firefighters

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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

### 6.1 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 spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialised 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".

### 6.2 Environmental precautions

: Avoid dispersal of spilt 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). Water polluting material. May be harmful to the environment if released in large quantities.
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## SECTION 6: Accidental release measures

### 6.3 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. Approach the release from upwind. 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

### 6.4 Reference to other sections

- : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- 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.

### 7.2 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 unlabelled containers. Use appropriate containment to avoid environmental contamination.

### 7.3 Specific end use(s)

- Recommendations** : Not available.
- Industrial sector specific solutions** : Not available.

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker or exposure or environmental releases.

### 8.1 Control parameters

#### Occupational exposure limits

## SECTION 8: Exposure controls/personal protection

Product/ingredient name	Exposure limit values
Immulite® EPO Controls sodium azide	<b>EH40/2005 WELs (United Kingdom (UK), 12/2011). Absorbed through skin. Notes: as NaN<sub>3</sub></b> STEL: 0.3 mg/m <sup>3</sup> , (as NaN <sub>3</sub> ) 15 minutes. TWA: 0.1 mg/m <sup>3</sup> , (as NaN <sub>3</sub> ) 8 hours.

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### DNELs/DMELs

No DNELs/DMELs available.

### PNECs

No PNECs available

## 8.2 Exposure controls

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### Individual protection measures

**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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**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.

## SECTION 8: Exposure controls/personal protection

- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- 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.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

<b>Physical state</b>	: Immulite® EPO Controls	Solid.
<b>Colour</b>	: Immulite® EPO Controls	Off-white.
<b>Odour</b>	: Immulite® EPO Controls	Odorless.
<b>pH</b>	: Immulite® EPO Controls	Not applicable.
<b>Melting point/freezing point</b>	: Immulite® EPO Controls	Not available.
<b>Initial boiling point and boiling range</b>	: Immulite® EPO Controls	Not available.
<b>Flash point</b>	: Immulite® EPO Controls	Not available.
<b>Evaporation rate</b>	: Immulite® EPO Controls	Not available.
<b>Flammability (solid, gas)</b>	: Immulite® EPO Controls	Not available.
<b>Burning time</b>	: Immulite® EPO Controls	Not available.
<b>Burning rate</b>	: Immulite® EPO Controls	Not available.
<b>Upper/lower flammability or explosive limits</b>	: Immulite® EPO Controls	Not available.
<b>Vapour pressure</b>	: Immulite® EPO Controls	Not available.
<b>Solubility in water</b>	: Immulite® EPO Controls	Not available.
<b>Partition coefficient: n-octanol/ water</b>	: Immulite® EPO Controls	Not available.
<b>Auto-ignition temperature</b>	: Immulite® EPO Controls	Not available.
<b>Decomposition temperature</b>	: Immulite® EPO Controls	Not available.
<b>Viscosity</b>	: Immulite® EPO Controls	Not available.
<b>Explosive properties</b>	: Immulite® EPO Controls	Not available.
<b>Oxidising properties</b>	: Immulite® EPO Controls	Not available.

### 9.2 Other information

**SADT** : Not available.

#### Aerosol product

<b>Type of aerosol</b>	: Not applicable.
<b>Heat of combustion</b>	: Not available.
<b>Ignition distance</b>	: Not applicable.
<b>Enclosed space ignition - Time equivalent</b>	: Not applicable.
<b>Enclosed space ignition - Deflagration density</b>	: Not applicable.
<b>Flame height</b>	: Not applicable.
<b>Flame duration</b>	: Not applicable.



## SECTION 10: Stability and reactivity

<b>10.1 Reactivity</b>	: Immulite® EPO Controls	No specific test data related to reactivity available for this product or its ingredients.
<b>10.2 Chemical stability</b>	: Immulite® EPO Controls	The product is stable.
<b>10.3 Possibility of hazardous reactions</b>	: Immulite® EPO Controls	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>10.4 Conditions to avoid</b>	: Immulite® EPO Controls	No specific data.
<b>10.5 Incompatible materials</b>	: Immulite® EPO Controls	No specific data.
<b>10.6 Hazardous decomposition products</b>	: Immulite® EPO Controls	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Immulite® EPO Controls sodium azide	LD50 Dermal	Rabbit	20 mg/kg	-
	LD50 Dermal	Rat	50 mg/kg	-
	LD50 Oral	Rat	27 mg/kg	-

**Conclusion/Summary** : Immulite® EPO Controls Not available.

#### Acute toxicity estimates

Route	ATE value
Immulite® EPO Controls Oral	8437.5 mg/kg
Dermal	6250 mg/kg

#### Irritation/Corrosion

##### Conclusion/Summary

**Skin** : Immulite® EPO Controls Not available.

**Eyes** : Immulite® EPO Controls Not available.

**Respiratory** : Immulite® EPO Controls Not available.

#### Sensitisation

##### Conclusion/Summary

**Skin** : Immulite® EPO Controls Not available.

**Respiratory** : Immulite® EPO Controls Not available.

#### Mutagenicity

**Conclusion/Summary** : Immulite® EPO Controls Not available.

#### Carcinogenicity

**Conclusion/Summary** : Immulite® EPO Controls Not available.

#### Reproductive toxicity

**Conclusion/Summary** : Immulite® EPO Controls Not available.

#### Teratogenicity

**Conclusion/Summary** : Immulite® EPO Controls Not available.

## SECTION 11: Toxicological information

### 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** : Not available.

### Potential acute health effects

<b>Eye contact</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.
<b>Inhalation</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.
<b>Skin contact</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.
<b>Ingestion</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Eye contact</b>	: Immulite® EPO Controls	No specific data.
<b>Inhalation</b>	: Immulite® EPO Controls	No specific data.
<b>Skin contact</b>	: Immulite® EPO Controls	No specific data.
<b>Ingestion</b>	: Immulite® EPO Controls	No specific data.

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

#### Short term exposure

<b>Potential immediate effects</b>	: Immulite® EPO Controls	Not available.
<b>Potential delayed effects</b>	: Immulite® EPO Controls	Not available.

#### Long term exposure

<b>Potential immediate effects</b>	: Immulite® EPO Controls	Not available.
<b>Potential delayed effects</b>	: Immulite® EPO Controls	Not available.

### Potential chronic health effects

Not available.

<b>Conclusion/Summary</b>	: Immulite® EPO Controls	Not available.
<b>General</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.
<b>Mutagenicity</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.
<b>Teratogenicity</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.
<b>Developmental effects</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.
<b>Fertility effects</b>	: Immulite® EPO Controls	No known significant effects or critical hazards.

## SECTION 11: Toxicological information

**Interactive effects** :

**Other information** : Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Immulite® EPO Controls sodium azide	Acute EC50 0.348 mg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute EC50 4.2 to 6.2 mg/l Fresh water	Daphnia - Daphnia pulex - Larvae	48 hours
	Acute LC50 9000 µg/l Fresh water	Crustaceans - Gammarus lacustris	48 hours
	Acute LC50 0.68 mg/l Fresh water Chronic NOEC 5600 µg/l Marine water	Fish - Lepomis macrochirus Algae - Macrocystis pyrifera	96 hours 96 hours

**Conclusion/Summary** : Immulite® EPO Controls Not available.

### 12.2 Persistence and degradability

**Conclusion/Summary** : Immulite® EPO Controls Not available.

### 12.3 Bioaccumulative potential

Not available.

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Immulite® EPO Controls Not available.

**Mobility** : Immulite® EPO Controls Not available.

### 12.5 Results of PBT and vPvB assessment

**PBT** : Immulite® EPO Controls Not applicable.

**vPvB** : Immulite® EPO Controls Not applicable.

**12.6 Other adverse effects** : Immulite® EPO Controls No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimised 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.

**Hazardous waste** : Immulite® EPO Controls The classification of the product may meet the criteria for a hazardous waste.

### SECTION 13: Disposal considerations

Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

**Packaging**

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

### SECTION 14: Transport information

**ADR/RID**

<b>14.1 UN number</b>	Immulite® EPO Controls	Not regulated.
<b>14.2 UN proper shipping name</b>	Immulite® EPO Controls	-
<b>14.3 Transport hazard class(es)</b>	Immulite® EPO Controls	-
<b>14.4 Packing group</b>	Immulite® EPO Controls	-
<b>14.5 Environmental hazards</b>	Immulite® EPO Controls	No.
<b>Additional information</b>	Immulite® EPO Controls	-

**ADN**

<b>14.1 UN number</b>	Immulite® EPO Controls	Not regulated.
<b>14.2 UN proper shipping name</b>	Immulite® EPO Controls	-
<b>14.3 Transport hazard class(es)</b>	Immulite® EPO Controls	-
<b>14.4 Packing group</b>	Immulite® EPO Controls	-
<b>14.5 Environmental hazards</b>	Immulite® EPO Controls	No.
<b>Additional information</b>	Immulite® EPO Controls	-

**IMDG**

<b>14.1 UN number</b>	Immulite® EPO Controls	Not regulated.
<b>14.2 UN proper shipping name</b>	Immulite® EPO Controls	-

## SECTION 14: Transport information

<b>14.3 Transport hazard class(es)</b>	Immulite® EPO Controls	-
<b>14.4 Packing group</b>	Immulite® EPO Controls	-
<b>14.5 Environmental hazards</b>	Immulite® EPO Controls	No.
<b>Additional information</b>	Immulite® EPO Controls	-
<b><u>IATA</u></b>		
<b>14.1 UN number</b>	Immulite® EPO Controls	Not regulated.
<b>14.2 UN proper shipping name</b>	Immulite® EPO Controls	-
<b>14.3 Transport hazard class(es)</b>	Immulite® EPO Controls	-
<b>14.4 Packing group</b>	Immulite® EPO Controls	-
<b>14.5 Environmental hazards</b>	Immulite® EPO Controls	No.
<b>Additional information</b>	Immulite® EPO Controls	-
<b>14.6 Special precautions for user</b>	: Immulite® EPO Controls	<b>Transport within user's premises:</b> 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.
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	: Not available.	

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU Regulation (EC) No. 1907/2006 (REACH)

#### Annex XIV - List of substances subject to authorisation

#### Annex XIV

None of the components are listed.

#### Substances of very high concern

None of the components are listed.

## SECTION 15: Regulatory information

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Immulite® EPO Controls Not applicable.

### Other EU regulations

**Europe inventory** : Not determined.

### Seveso II Directive

Immulite® EPO Controls This product is not controlled under the Seveso II Directive.

### International regulations

**Chemical Weapons Convention List Schedule I Chemicals** : Immulite® EPO Controls Not listed

**Chemical Weapons Convention List Schedule II Chemicals** : Immulite® EPO Controls Not listed

**Chemical Weapons Convention List Schedule III Chemicals** : Immulite® EPO Controls Not listed

**15.2 Chemical Safety Assessment** : Not applicable.

## SECTION 16: Other information

**Abbreviations and acronyms** : ATE = Acute Toxicity Estimate  
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 DMEL = Derived Minimal Effect Level  
 DNEL = Derived No Effect Level  
 EUH statement = CLP-specific Hazard statement  
 PBT = Persistent, Bioaccumulative and Toxic  
 PNEC = Predicted No Effect Concentration  
 RRN = REACH Registration Number  
 vPvB = Very Persistent and Very Bioaccumulative

<b>Immulite® EPO Controls</b> Aquatic Chronic 3, H412		Calculation method
<b>Full text of abbreviated H statements</b>	: <b>Immulite® EPO Controls</b> H300 H310 H400 H410 H412	Fatal if swallowed. Fatal in contact with skin. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects.
<b>Full text of classifications [CLP/GHS]</b>	: <b>Immulite® EPO Controls</b> Acute Tox. 1, H310 Acute Tox. 2, H300 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Aquatic Chronic 3, H412	ACUTE TOXICITY: SKIN - Category 1 ACUTE TOXICITY: ORAL - Category 2 ACUTE AQUATIC HAZARD - Category 1 LONG-TERM AQUATIC HAZARD - Category 1 LONG-TERM AQUATIC HAZARD - Category 3

## SECTION 16: Other information

<b>Full text of abbreviated R phrases</b>	: R28- Very toxic if swallowed. R22- Harmful if swallowed. R32- Contact with acids liberates very toxic gas. R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Full text of classifications [DSD/DPD]</b>	: T+ - Very toxic Xn - Harmful N - Dangerous for the environment
<b>Date of printing</b>	: 1/16/2016.
<b>Date of issue/ Date of revision</b>	: 1/15/2016.
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### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.