

SAFETY DATA SHEET

SIEMENS

Immulite® 2000 Herpes I & II IgG

MSDS no. : L2KHVG2_6

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

1.1 Product identifier

Product name : Immulite® 2000 Herpes I & II IgG
Product code : L2KHVG6, 10381333
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

Product definition	:	Herpes I & II IgG Reagent Wedge A	Mixture
		Herpes I & II IgG Reagent Wedge B	Mixture
		IMMULITE 2000 TORCH IGG IGM DILUENT	Mixture
		Herpes I & II IgG Controls	Mixture
		Herpes I & II IgG Adjustor	Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

Herpes I & II IgG Reagent Wedge A	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.
Herpes I & II IgG Reagent Wedge B	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.
IMMULITE 2000 TORCH IGG IGM DILUENT	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.
Herpes I & II IgG Controls	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.
Herpes I & II IgG Adjustor	The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Ingredients of unknown toxicity	:	Herpes I & II IgG Reagent Wedge A
		Herpes I & II IgG Reagent Wedge B
		IMMULITE 2000 TORCH IGG IGM DILUENT
		Herpes I & II IgG Controls
		Herpes I & II IgG Adjustor

Ingredients of unknown ecotoxicity	:	Herpes I & II IgG Reagent Wedge A
		Herpes I & II IgG Reagent Wedge B
		IMMULITE 2000 TORCH IGG IGM DILUENT
		Herpes I & II IgG Controls
		Herpes I & II IgG Adjustor

Classification according to Directive 1999/45/EC [DPD]

Herpes I & II IgG Reagent Wedge A	The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.
Herpes I & II IgG Reagent Wedge B	The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.
IMMULITE 2000 TORCH IGG IGM DILUENT	The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.
Herpes I & II IgG Controls	The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.
Herpes I & II IgG Adjustor	The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

SECTION 2: Hazards identification

Classification	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not classified. Not classified. Not classified. Not classified. Not classified. Not classified.
Physical/chemical hazards	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Human health hazards	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Environmental hazards	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

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

Signal word	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	No signal word. No signal word. No signal word. No signal word. No signal word. No signal word.
Hazard statements	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	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. No known significant effects or critical hazards.
<u>Precautionary statements</u>		
Prevention	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Response	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

SECTION 2: Hazards identification

Storage	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Disposal	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Supplemental label elements	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Safety data sheet available on request. Safety data sheet available on request. Safety data sheet available on request. Not applicable. Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

2.3 Other hazards

Other hazards which do not result in classification	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	None known. None known. None known. None known. None known.
Additional information	: Not available.	
Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.		

SECTION 3: Composition/information on ingredients

Substance/mixture	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Mixture Mixture Mixture Mixture Mixture
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Product/ingredient name	Identifiers	%	67/548/EEC	Classification Regulation (EC) No. 1272/2008 [CLP]	Type

SECTION 3: Composition/information on ingredients

Herpes I & II IgG Reagent Wedge A aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	>=1, <5	Not classified.	Eye Irrit. 2, H319	[1]
Herpes I & II IgG Reagent Wedge B aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	>=1, <5	Not classified.	Eye Irrit. 2, H319	[1]
IMMULITE 2000 TORCH IGG IGM DILUENT aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	>=1, <5	Not classified.	Eye Irrit. 2, H319 See Section 16 for the full text of the H statements declared above.	[1]

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	: Herpes I & II IgG Reagent Wedge 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.
	Herpes I & II IgG Reagent Wedge 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 TORCH IGG IGM 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.
	Herpes I & II IgG Controls	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.
	Herpes I & II IgG Adjustor	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.

SECTION 4: First aid measures

Inhalation	: Herpes I & II IgG Reagent Wedge 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.
	Herpes I & II IgG Reagent Wedge 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 products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	IMMULITE 2000 TORCH IGG IGM 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.
	Herpes I & II IgG Controls	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.
	Herpes I & II IgG Adjustor	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	: Herpes I & II IgG Reagent Wedge A	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Herpes I & II IgG Reagent Wedge B	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Herpes I & II IgG Controls	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Herpes I & II IgG Adjustor	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

SECTION 4: First aid measures

Ingestion

: Herpes I & II IgG Reagent Wedge 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.

Herpes I & II IgG Reagent Wedge 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 vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

IMMULITE 2000 TORCH IGG IGM DILUENT

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.

Herpes I & II IgG Controls

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.

Herpes I & II IgG Adjustor

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.

Protection of first-aiders

: Herpes I & II IgG Reagent Wedge A

No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training.

Herpes I & II IgG Reagent Wedge B

IMMULITE 2000 TORCH IGG IGM DILUENT

Herpes I & II IgG Controls

Herpes I & II IgG Adjustor

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

SECTION 4: First aid measures

Eye contact	: Herpes I & II IgG Reagent Wedge A	No known significant effects or critical hazards.
	Herpes I & II IgG Reagent Wedge B	No known significant effects or critical hazards.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No known significant effects or critical hazards.
	Herpes I & II IgG Controls	No known significant effects or critical hazards.
	Herpes I & II IgG Adjustor	No known significant effects or critical hazards.
Inhalation	: Herpes I & II IgG Reagent Wedge A	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	Herpes I & II IgG Reagent Wedge B	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	Herpes I & II IgG Controls	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	Herpes I & II IgG Adjustor	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact	: Herpes I & II IgG Reagent Wedge A	No known significant effects or critical hazards.
	Herpes I & II IgG Reagent Wedge B	No known significant effects or critical hazards.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No known significant effects or critical hazards.
	Herpes I & II IgG Controls	No known significant effects or critical hazards.
	Herpes I & II IgG Adjustor	No known significant effects or critical hazards.
Ingestion	: Herpes I & II IgG Reagent Wedge A	No known significant effects or critical hazards.
	Herpes I & II IgG Reagent Wedge B	No known significant effects or critical hazards.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No known significant effects or critical hazards.
	Herpes I & II IgG Controls	No known significant effects or critical hazards.
	Herpes I & II IgG Adjustor	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	: Herpes I & II IgG Reagent Wedge A	No specific data.
	Herpes I & II IgG Reagent Wedge B	No specific data.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No specific data.
	Herpes I & II IgG Controls	No specific data.
	Herpes I & II IgG Adjustor	No specific data.

SECTION 4: First aid measures

Inhalation	: Herpes I & II IgG Reagent Wedge A	No specific data.
	Herpes I & II IgG Reagent Wedge B	No specific data.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No specific data.
	Herpes I & II IgG Controls	No specific data.
	Herpes I & II IgG Adjustor	No specific data.
Skin contact	: Herpes I & II IgG Reagent Wedge A	No specific data.
	Herpes I & II IgG Reagent Wedge B	No specific data.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No specific data.
	Herpes I & II IgG Controls	No specific data.
	Herpes I & II IgG Adjustor	No specific data.
Ingestion	: Herpes I & II IgG Reagent Wedge A	No specific data.
	Herpes I & II IgG Reagent Wedge B	No specific data.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No specific data.
	Herpes I & II IgG Controls	No specific data.
	Herpes I & II IgG Adjustor	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	: Herpes I & II IgG Reagent Wedge A	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.
	Herpes I & II IgG Reagent Wedge B	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 TORCH IGG IGM DILUENT	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.
	Herpes I & II IgG Controls	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.
	Herpes I & II IgG Adjustor	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	: Herpes I & II IgG Reagent Wedge A	No specific treatment.
	Herpes I & II IgG Reagent Wedge B	No specific treatment.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No specific treatment.
	Herpes I & II IgG Controls	No specific treatment.
	Herpes I & II IgG Adjustor	No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use dry chemical, CO₂, 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.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
sulfur oxides
halogenated compounds
metal oxide/oxides

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. 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).

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. 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.

SECTION 6: Accidental release measures

- 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).
- 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

No exposure limit value known.

- 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

SECTION 8: Exposure controls/personal protection

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.

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 : 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

Physical state	Herpes I & II IgG Reagent Wedge A	Liquid.
	Herpes I & II IgG Reagent Wedge B	Liquid.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Liquid.
	Herpes I & II IgG Controls	Liquid.
	Herpes I & II IgG Adjustor	Liquid.
Colour	Herpes I & II IgG Reagent Wedge A	Colourless.
	Herpes I & II IgG Reagent Wedge B	Colourless.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Light yellow.
	Herpes I & II IgG Controls	Colourless.
	Herpes I & II IgG Adjustor	Colourless.
Odour	Herpes I & II IgG Reagent Wedge A	Bland.
	Herpes I & II IgG Reagent Wedge B	Bland.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Odourless.
	Herpes I & II IgG Controls	Odourless.
	Herpes I & II IgG Adjustor	Odourless.

SECTION 9: Physical and chemical properties

pH	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	7.95 to 8.05 Not applicable. 8 7.95 to 8.05 7.95 to 8.05
Melting point/freezing point	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.
Initial boiling point and boiling range	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.
Flash point	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.
Evaporation rate	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.
Flammability (solid, gas)	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.
Burning time	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Burning rate	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Upper/lower flammability or explosive limits	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.

SECTION 9: Physical and chemical properties

Vapour pressure	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.
Solubility in water	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.
Partition coefficient: n-octanol/ water	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.
Auto-ignition temperature	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.
Decomposition temperature	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.
Viscosity	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.
Explosive properties	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.
Oxidising properties	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available. Not available.

9.2 Other information

SADT	: Not available.
<u>Aerosol product</u>	
Type of aerosol	: Not applicable.
Heat of combustion	: Not available.
Ignition distance	: Not applicable.

SECTION 9: Physical and chemical properties

Enclosed space ignition - Time equivalent : Not applicable.

Enclosed space ignition - Deflagration density : Not applicable.

Flame height : Not applicable.

Flame duration : Not applicable.

SECTION 10: Stability and reactivity

10.1 Reactivity	: Herpes I & II IgG Reagent Wedge A	No specific test data related to reactivity available for this product or its ingredients.
	Herpes I & II IgG Reagent Wedge B	No specific test data related to reactivity available for this product or its ingredients.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No specific test data related to reactivity available for this product or its ingredients.
	Herpes I & II IgG Controls	No specific test data related to reactivity available for this product or its ingredients.
	Herpes I & II IgG Adjustor	No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: Herpes I & II IgG Reagent Wedge A	The product is stable.
	Herpes I & II IgG Reagent Wedge B	The product is stable.
	IMMULITE 2000 TORCH IGG IGM DILUENT	The product is stable.
	Herpes I & II IgG Controls	The product is stable.
	Herpes I & II IgG Adjustor	The product is stable.
10.3 Possibility of hazardous reactions	: Herpes I & II IgG Reagent Wedge A	Under normal conditions of storage and use, hazardous reactions will not occur.
	Herpes I & II IgG Reagent Wedge B	Under normal conditions of storage and use, hazardous reactions will not occur.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Under normal conditions of storage and use, hazardous reactions will not occur.
	Herpes I & II IgG Controls	Under normal conditions of storage and use, hazardous reactions will not occur.
	Herpes I & II IgG Adjustor	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: Herpes I & II IgG Reagent Wedge A	No specific data.
	Herpes I & II IgG Reagent Wedge B	No specific data.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No specific data.
	Herpes I & II IgG Controls	No specific data.
	Herpes I & II IgG Adjustor	No specific data.
10.5 Incompatible materials	: Herpes I & II IgG Reagent Wedge A	No specific data.
	Herpes I & II IgG Reagent Wedge B	No specific data.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No specific data.
	Herpes I & II IgG Controls	No specific data.
	Herpes I & II IgG Adjustor	No specific data.

SECTION 10: Stability and reactivity

10.6 Hazardous decomposition products

: Herpes I & II IgG Reagent Wedge A

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Herpes I & II IgG Reagent Wedge B

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

IMMULITE 2000 TORCH IGG IGM DILUENT

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Herpes I & II IgG Controls

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Herpes I & II IgG Adjustor

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

Conclusion/Summary

: Herpes I & II IgG Reagent Wedge A

Not available.

Herpes I & II IgG Reagent Wedge B

Not available.

IMMULITE 2000 TORCH IGG IGM DILUENT

Not available.

Herpes I & II IgG Controls

Not available.

Herpes I & II IgG Adjustor

Not available.

Acute toxicity estimates

Not available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Herpes I & II IgG Reagent Wedge A aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
Herpes I & II IgG Reagent Wedge B aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
IMMULITE 2000 TORCH IGG IGM DILUENT aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-

Conclusion/Summary

Skin

: Herpes I & II IgG Reagent Wedge A

Not available.

Herpes I & II IgG Reagent Wedge B

Not available.

IMMULITE 2000 TORCH IGG IGM DILUENT

Not available.

Herpes I & II IgG Controls

Not available.

Herpes I & II IgG Adjustor

Not available.

SECTION 11: Toxicological information

Eyes : Herpes I & II IgG Reagent Wedge A Not available.
 Herpes I & II IgG Reagent Wedge B Not available.
 IMMULITE 2000 TORCH IGG IGM Not available.
 DILUENT
 Herpes I & II IgG Controls Not available.
 Herpes I & II IgG Adjustor Not available.

Respiratory : Herpes I & II IgG Reagent Wedge A Not available.
 Herpes I & II IgG Reagent Wedge B Not available.
 IMMULITE 2000 TORCH IGG IGM Not available.
 DILUENT
 Herpes I & II IgG Controls Not available.
 Herpes I & II IgG Adjustor Not available.

Sensitisation

Conclusion/Summary

Skin : Herpes I & II IgG Reagent Wedge A Not available.
 Herpes I & II IgG Reagent Wedge B Not available.
 IMMULITE 2000 TORCH IGG IGM Not available.
 DILUENT
 Herpes I & II IgG Controls Not available.
 Herpes I & II IgG Adjustor Not available.

Respiratory : Herpes I & II IgG Reagent Wedge A Not available.
 Herpes I & II IgG Reagent Wedge B Not available.
 IMMULITE 2000 TORCH IGG IGM Not available.
 DILUENT
 Herpes I & II IgG Controls Not available.
 Herpes I & II IgG Adjustor Not available.

Mutagenicity

Conclusion/Summary

: Herpes I & II IgG Reagent Wedge A Not available.
 Herpes I & II IgG Reagent Wedge B Not available.
 IMMULITE 2000 TORCH IGG IGM Not available.
 DILUENT
 Herpes I & II IgG Controls Not available.
 Herpes I & II IgG Adjustor Not available.

Carcinogenicity

Conclusion/Summary

: Herpes I & II IgG Reagent Wedge A Not available.
 Herpes I & II IgG Reagent Wedge B Not available.
 IMMULITE 2000 TORCH IGG IGM Not available.
 DILUENT
 Herpes I & II IgG Controls Not available.
 Herpes I & II IgG Adjustor Not available.

Reproductive toxicity

Conclusion/Summary

: Herpes I & II IgG Reagent Wedge A Not available.
 Herpes I & II IgG Reagent Wedge B Not available.
 IMMULITE 2000 TORCH IGG IGM Not available.
 DILUENT
 Herpes I & II IgG Controls Not available.
 Herpes I & II IgG Adjustor Not available.

Teratogenicity

Conclusion/Summary

: Herpes I & II IgG Reagent Wedge A Not available.
 Herpes I & II IgG Reagent Wedge B Not available.
 IMMULITE 2000 TORCH IGG IGM Not available.
 DILUENT
 Herpes I & II IgG Controls Not available.
 Herpes I & II IgG Adjustor Not available.

Specific target organ toxicity (single exposure)

Not available.

SECTION 11: Toxicological information

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

Eye contact	: Herpes I & II IgG Reagent Wedge A	No known significant effects or critical hazards.
	Herpes I & II IgG Reagent Wedge B	No known significant effects or critical hazards.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No known significant effects or critical hazards.
	Herpes I & II IgG Controls	No known significant effects or critical hazards.
	Herpes I & II IgG Adjustor	No known significant effects or critical hazards.
Inhalation	: Herpes I & II IgG Reagent Wedge A	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	Herpes I & II IgG Reagent Wedge B	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	Herpes I & II IgG Controls	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	Herpes I & II IgG Adjustor	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact	: Herpes I & II IgG Reagent Wedge A	No known significant effects or critical hazards.
	Herpes I & II IgG Reagent Wedge B	No known significant effects or critical hazards.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No known significant effects or critical hazards.
	Herpes I & II IgG Controls	No known significant effects or critical hazards.
	Herpes I & II IgG Adjustor	No known significant effects or critical hazards.
Ingestion	: Herpes I & II IgG Reagent Wedge A	No known significant effects or critical hazards.
	Herpes I & II IgG Reagent Wedge B	No known significant effects or critical hazards.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No known significant effects or critical hazards.
	Herpes I & II IgG Controls	No known significant effects or critical hazards.
	Herpes I & II IgG Adjustor	No known significant effects or critical hazards.

SECTION 11: Toxicological information

hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Herpes I & II IgG Reagent Wedge A	No specific data.
	Herpes I & II IgG Reagent Wedge B	No specific data.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No specific data.
	Herpes I & II IgG Controls	No specific data.
	Herpes I & II IgG Adjustor	No specific data.
Inhalation	: Herpes I & II IgG Reagent Wedge A	No specific data.
	Herpes I & II IgG Reagent Wedge B	No specific data.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No specific data.
	Herpes I & II IgG Controls	No specific data.
	Herpes I & II IgG Adjustor	No specific data.
Skin contact	: Herpes I & II IgG Reagent Wedge A	No specific data.
	Herpes I & II IgG Reagent Wedge B	No specific data.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No specific data.
	Herpes I & II IgG Controls	No specific data.
	Herpes I & II IgG Adjustor	No specific data.
Ingestion	: Herpes I & II IgG Reagent Wedge A	No specific data.
	Herpes I & II IgG Reagent Wedge B	No specific data.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No specific data.
	Herpes I & II IgG Controls	No specific data.
	Herpes I & II IgG Adjustor	No specific data.

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

Short term exposure

Potential immediate effects	: Herpes I & II IgG Reagent Wedge A	Not available.
	Herpes I & II IgG Reagent Wedge B	Not available.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Not available.
	Herpes I & II IgG Controls	Not available.
	Herpes I & II IgG Adjustor	Not available.
Potential delayed effects	: Herpes I & II IgG Reagent Wedge A	Not available.
	Herpes I & II IgG Reagent Wedge B	Not available.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Not available.
	Herpes I & II IgG Controls	Not available.
	Herpes I & II IgG Adjustor	Not available.

Long term exposure

Potential immediate effects	: Herpes I & II IgG Reagent Wedge A	Not available.
	Herpes I & II IgG Reagent Wedge B	Not available.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Not available.
	Herpes I & II IgG Controls	Not available.
	Herpes I & II IgG Adjustor	Not available.
Potential delayed effects	: Herpes I & II IgG Reagent Wedge A	Not available.
	Herpes I & II IgG Reagent Wedge B	Not available.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Not available.
	Herpes I & II IgG Controls	Not available.
	Herpes I & II IgG Adjustor	Not available.

Potential chronic health effects

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Not available.

Conclusion/Summary	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	Not available. Not available. Not available. Not available. Not available.
General	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	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.
Carcinogenicity	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	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.
Mutagenicity	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	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.
Teratogenicity	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	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.
Developmental effects	: Herpes I & II IgG Reagent Wedge A Herpes I & II IgG Reagent Wedge B IMMULITE 2000 TORCH IGG IGM DILUENT Herpes I & II IgG Controls Herpes I & II IgG Adjustor	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.

SECTION 11: Toxicological information

Fertility effects	: Herpes I & II IgG Reagent Wedge A	No known significant effects or critical hazards.
	Herpes I & II IgG Reagent Wedge B	No known significant effects or critical hazards.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No known significant effects or critical hazards.
	Herpes I & II IgG Controls	No known significant effects or critical hazards.
	Herpes I & II IgG Adjustor	No known significant effects or critical hazards.
Interactive effects	:	
Other information	: Not available.	

SECTION 12: Ecological information

12.1 Toxicity

Conclusion/Summary	: Herpes I & II IgG Reagent Wedge A	Not available.
	Herpes I & II IgG Reagent Wedge B	Not available.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Not available.
	Herpes I & II IgG Controls	Not available.
	Herpes I & II IgG Adjustor	Not available.

12.2 Persistence and degradability

Conclusion/Summary	: Herpes I & II IgG Reagent Wedge A	Not available.
	Herpes I & II IgG Reagent Wedge B	Not available.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Not available.
	Herpes I & II IgG Controls	Not available.
	Herpes I & II IgG Adjustor	Not available.

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Herpes I & II IgG Reagent Wedge A aminocaproic acid	-2.95	-	low
Herpes I & II IgG Reagent Wedge B aminocaproic acid	-2.95	-	low
IMMULITE 2000 TORCH IGG IGM DILUENT aminocaproic acid	-2.95	-	low

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc})	: Herpes I & II IgG Reagent Wedge A	Not available.
	Herpes I & II IgG Reagent Wedge B	Not available.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Not available.
	Herpes I & II IgG Controls	Not available.
	Herpes I & II IgG Adjustor	Not available.

SECTION 12: Ecological information

Mobility	:	Herpes I & II IgG Reagent Wedge A	Not available.
		Herpes I & II IgG Reagent Wedge B	Not available.
		IMMULITE 2000 TORCH IGG IGM	Not available.
		DILUENT	
		Herpes I & II IgG Controls	Not available.
		Herpes I & II IgG Adjustor	Not available.

12.5 Results of PBT and vPvB assessment

PBT	:	Herpes I & II IgG Reagent Wedge A	Not applicable.
		Herpes I & II IgG Reagent Wedge B	Not applicable.
		IMMULITE 2000 TORCH IGG IGM	Not applicable.
		DILUENT	
		Herpes I & II IgG Controls	Not applicable.
		Herpes I & II IgG Adjustor	Not applicable.
vPvB	:	Herpes I & II IgG Reagent Wedge A	Not applicable.
		Herpes I & II IgG Reagent Wedge B	Not applicable.
		IMMULITE 2000 TORCH IGG IGM	Not applicable.
		DILUENT	
		Herpes I & II IgG Controls	Not applicable.
		Herpes I & II IgG Adjustor	Not applicable.

12.6 Other adverse effects	:	Herpes I & II IgG Reagent Wedge A	No known significant effects or critical hazards.
		Herpes I & II IgG Reagent Wedge B	No known significant effects or critical hazards.
		IMMULITE 2000 TORCH IGG IGM	No known significant effects or critical hazards.
		DILUENT	
		Herpes I & II IgG Controls	No known significant effects or critical hazards.
		Herpes I & II IgG Adjustor	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	:	Herpes I & II IgG Reagent Wedge A	Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.
		Herpes I & II IgG Reagent Wedge B	Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.
		IMMULITE 2000 TORCH IGG IGM	Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.
		DILUENT	
		Herpes I & II IgG Controls	Within the present knowledge of the

SECTION 13: Disposal considerations

Herpes I & II IgG Adjustor

supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

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. 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

14.1 UN number

Herpes I & II IgG Reagent Wedge A	Not regulated.
Herpes I & II IgG Reagent Wedge B	Not regulated.
IMMULITE 2000 TORCH IGG IGM DILUENT	Not regulated.
Herpes I & II IgG Controls	Not regulated.
Herpes I & II IgG Adjustor	Not regulated.

14.2 UN proper shipping name

Herpes I & II IgG Reagent Wedge A	-
Herpes I & II IgG Reagent Wedge B	-
IMMULITE 2000 TORCH IGG IGM DILUENT	-
Herpes I & II IgG Controls	-
Herpes I & II IgG Adjustor	-

14.3 Transport hazard class(es)

Herpes I & II IgG Reagent Wedge A	-
Herpes I & II IgG Reagent Wedge B	-
IMMULITE 2000 TORCH IGG IGM DILUENT	-
Herpes I & II IgG Controls	-
Herpes I & II IgG Adjustor	-

14.4 Packing group

Herpes I & II IgG Reagent Wedge A	-
Herpes I & II IgG Reagent Wedge B	-
IMMULITE 2000 TORCH IGG IGM DILUENT	-
Herpes I & II IgG Controls	-
Herpes I & II IgG Adjustor	-

14.5 Environmental hazards

Herpes I & II IgG Reagent Wedge A	No.
Herpes I & II IgG Reagent Wedge B	No.
IMMULITE 2000 TORCH IGG IGM DILUENT	No.
Herpes I & II IgG Controls	No.
Herpes I & II IgG Adjustor	No.

Additional information

Herpes I & II IgG Reagent Wedge A	-
Herpes I & II IgG Reagent Wedge B	-
IMMULITE 2000 TORCH IGG IGM DILUENT	-
Herpes I & II IgG Controls	-
Herpes I & II IgG Adjustor	-

ADN

SECTION 14: Transport information

14.1 UN number	Herpes I & II IgG Reagent Wedge A	Not regulated.
	Herpes I & II IgG Reagent Wedge B	Not regulated.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Not regulated.
	Herpes I & II IgG Controls	Not regulated.
	Herpes I & II IgG Adjustor	Not regulated.

14.2 UN proper shipping name	Herpes I & II IgG Reagent Wedge A	-
	Herpes I & II IgG Reagent Wedge B	-
	IMMULITE 2000 TORCH IGG IGM DILUENT	-
	Herpes I & II IgG Controls	-
	Herpes I & II IgG Adjustor	-

14.3 Transport hazard class(es)	Herpes I & II IgG Reagent Wedge A	-
	Herpes I & II IgG Reagent Wedge B	-
	IMMULITE 2000 TORCH IGG IGM DILUENT	-
	Herpes I & II IgG Controls	-
	Herpes I & II IgG Adjustor	-

14.4 Packing group	Herpes I & II IgG Reagent Wedge A	-
	Herpes I & II IgG Reagent Wedge B	-
	IMMULITE 2000 TORCH IGG IGM DILUENT	-
	Herpes I & II IgG Controls	-
	Herpes I & II IgG Adjustor	-

14.5 Environmental hazards	Herpes I & II IgG Reagent Wedge A	No.
	Herpes I & II IgG Reagent Wedge B	No.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No.
	Herpes I & II IgG Controls	No.
	Herpes I & II IgG Adjustor	No.

Additional information	Herpes I & II IgG Reagent Wedge A	-
	Herpes I & II IgG Reagent Wedge B	-
	IMMULITE 2000 TORCH IGG IGM DILUENT	-
	Herpes I & II IgG Controls	-
	Herpes I & II IgG Adjustor	-

IMDG

14.1 UN number	Herpes I & II IgG Reagent Wedge A	Not regulated.
	Herpes I & II IgG Reagent Wedge B	Not regulated.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Not regulated.
	Herpes I & II IgG Controls	Not regulated.
	Herpes I & II IgG Adjustor	Not regulated.

14.2 UN proper shipping name	Herpes I & II IgG Reagent Wedge A	-
	Herpes I & II IgG Reagent Wedge B	-
	IMMULITE 2000 TORCH IGG IGM DILUENT	-
	Herpes I & II IgG Controls	-
	Herpes I & II IgG Adjustor	-

14.3 Transport hazard class(es)	Herpes I & II IgG Reagent Wedge A	-
	Herpes I & II IgG Reagent Wedge B	-
	IMMULITE 2000 TORCH IGG IGM DILUENT	-
	Herpes I & II IgG Controls	-
	Herpes I & II IgG Adjustor	-

SECTION 14: Transport information

14.4 Packing group	Herpes I & II IgG Reagent Wedge A	-
	Herpes I & II IgG Reagent Wedge B	-
	IMMULITE 2000 TORCH IGG IGM DILUENT	-
	Herpes I & II IgG Controls	-
	Herpes I & II IgG Adjustor	-
14.5 Environmental hazards	Herpes I & II IgG Reagent Wedge A	No.
	Herpes I & II IgG Reagent Wedge B	No.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No.
	Herpes I & II IgG Controls	No.
	Herpes I & II IgG Adjustor	No.
Additional information	Herpes I & II IgG Reagent Wedge A	-
	Herpes I & II IgG Reagent Wedge B	-
	IMMULITE 2000 TORCH IGG IGM DILUENT	-
	Herpes I & II IgG Controls	-
	Herpes I & II IgG Adjustor	-

IATA

14.1 UN number	Herpes I & II IgG Reagent Wedge A	Not regulated.
	Herpes I & II IgG Reagent Wedge B	Not regulated.
	IMMULITE 2000 TORCH IGG IGM DILUENT	Not regulated.
	Herpes I & II IgG Controls	Not regulated.
	Herpes I & II IgG Adjustor	Not regulated.
14.2 UN proper shipping name	Herpes I & II IgG Reagent Wedge A	-
	Herpes I & II IgG Reagent Wedge B	-
	IMMULITE 2000 TORCH IGG IGM DILUENT	-
	Herpes I & II IgG Controls	-
	Herpes I & II IgG Adjustor	-
14.3 Transport hazard class(es)	Herpes I & II IgG Reagent Wedge A	-
	Herpes I & II IgG Reagent Wedge B	-
	IMMULITE 2000 TORCH IGG IGM DILUENT	-
	Herpes I & II IgG Controls	-
	Herpes I & II IgG Adjustor	-
14.4 Packing group	Herpes I & II IgG Reagent Wedge A	-
	Herpes I & II IgG Reagent Wedge B	-
	IMMULITE 2000 TORCH IGG IGM DILUENT	-
	Herpes I & II IgG Controls	-
	Herpes I & II IgG Adjustor	-
14.5 Environmental hazards	Herpes I & II IgG Reagent Wedge A	No.
	Herpes I & II IgG Reagent Wedge B	No.
	IMMULITE 2000 TORCH IGG IGM DILUENT	No.
	Herpes I & II IgG Controls	No.
	Herpes I & II IgG Adjustor	No.
Additional information	Herpes I & II IgG Reagent Wedge A	-
	Herpes I & II IgG Reagent Wedge B	-
	IMMULITE 2000 TORCH IGG IGM DILUENT	-
	Herpes I & II IgG Controls	-
	Herpes I & II IgG Adjustor	-

SECTION 14: Transport information

14.6 Special precautions for user : Herpes I & II IgG Reagent Wedge A

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.

Herpes I & II IgG Reagent Wedge B

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.

IMMULITE 2000 TORCH IGG IGM DILUENT

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.

Herpes I & II IgG Controls

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.

Herpes I & II IgG Adjustor

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.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : 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.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Herpes I & II IgG Reagent Wedge A
Herpes I & II IgG Reagent Wedge B
IMMULITE 2000 TORCH IGG IGM DILUENT
Herpes I & II IgG Controls
Herpes I & II IgG Adjustor

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Other EU regulations

Europe inventory : Not determined.

Seveso II Directive

SECTION 15: Regulatory information

Herpes I & II IgG Reagent Wedge A	This product is not controlled under the Seveso II Directive.
Herpes I & II IgG Reagent Wedge B	This product is not controlled under the Seveso II Directive.
IMMULITE 2000 TORCH IGG IGM DILUENT	This product is not controlled under the Seveso II Directive.
Herpes I & II IgG Controls	This product is not controlled under the Seveso II Directive.
Herpes I & II IgG Adjustor	This product is not controlled under the Seveso II Directive.

International regulations

Chemical Weapons Convention List Schedule II Chemicals	: Herpes I & II IgG Reagent Wedge A	Not listed
	Herpes I & II IgG Reagent Wedge B	Not listed
	IMMULITE 2000 TORCH IGG IGM DILUENT	Not listed
	Herpes I & II IgG Controls	Not listed
	Herpes I & II IgG Adjustor	Not listed
Chemical Weapons Convention List Schedule II Chemicals	: Herpes I & II IgG Reagent Wedge A	Not listed
	Herpes I & II IgG Reagent Wedge B	Not listed
	IMMULITE 2000 TORCH IGG IGM DILUENT	Not listed
	Herpes I & II IgG Controls	Not listed
	Herpes I & II IgG Adjustor	Not listed
Chemical Weapons Convention List Schedule III Chemicals	: Herpes I & II IgG Reagent Wedge A	Not listed
	Herpes I & II IgG Reagent Wedge B	Not listed
	IMMULITE 2000 TORCH IGG IGM DILUENT	Not listed
	Herpes I & II IgG Controls	Not listed
	Herpes I & II IgG Adjustor	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

Not classified.

Full text of abbreviated H statements	: Herpes I & II IgG Reagent Wedge A H319	Causes serious eye irritation.
	Herpes I & II IgG Reagent Wedge B H319	Causes serious eye irritation.
	IMMULITE 2000	

SECTION 16: Other information

Full text of classifications [CLP/GHS]	TORCH IGG IGM DILUENT H319	Causes serious eye irritation.
	Herpes I & II IgG Reagent Wedge A Eye Irrit. 2, H319	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
	Herpes I & II IgG Reagent Wedge B Eye Irrit. 2, H319	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Full text of abbreviated R phrases	IMMULITE 2000 TORCH IGG IGM DILUENT Eye Irrit. 2, H319	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Full text of classifications [DSD/DPD]	: Not applicable.	
Date of printing	: 1/15/2016.	
Date of issue/ Date of revision	: 1/15/2016.	
Date of previous issue	: 10/26/2015.	
Version	: 4	

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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.