

# SAFETY DATA SHEET

SIEMENS

IMMULITE® 2000 Rubella IgM

MSDS no. : L2KRM2\_6

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

### 1.1 Product identifier

Product name	: IMMULITE® 2000 Rubella IgM	
Product code	: L2KRM2; L2KRM6; 10381327; 10381303	
Product description	: Not available.	
Product type	: Liquid.	
Other means of identification	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	L2IGZ1/2 L2RMA2-A LRMC1-2 LRMR

### 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 2: Hazards identification****2.1 Classification of the substance or mixture**

<b>Product definition</b>	:	IgG/IgM Sample Diluent	Mixture
		Rubella IgM Reagent Wedge RA	Mixture
		Rubella IgM Controls	Mixture
		Rubella IgM Adjustors	Mixture

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

IgG/IgM Sample Diluent	The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.
Rubella IgM Reagent Wedge RA	The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.
Rubella IgM Controls	The product is classified as dangerous according to Directive 1999/45/EC and its amendments.
Rubella IgM Adjustors	The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

<b>Classification</b>	:	IgG/IgM Sample Diluent	Not classified.
		Rubella IgM Reagent Wedge RA	Not classified.
		Rubella IgM Controls	T; R25 R52/53
		Rubella IgM Adjustors	T; R25 R52/53

<b>Physical/chemical hazards</b>	:	IgG/IgM Sample Diluent	Not applicable.
		Rubella IgM Reagent Wedge RA	Not applicable.
		Rubella IgM Controls	Not applicable.
		Rubella IgM Adjustors	Not applicable.

<b>Human health hazards</b>	:	IgG/IgM Sample Diluent	Not applicable.
		Rubella IgM Reagent Wedge RA	Not applicable.
		Rubella IgM Controls	Toxic if swallowed.
		Rubella IgM Adjustors	Toxic if swallowed.

<b>Environmental hazards</b>	:	IgG/IgM Sample Diluent	Not applicable.
		Rubella IgM Reagent Wedge RA	Not applicable.
		Rubella IgM Controls	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
		Rubella IgM Adjustors	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****Precautionary statements****Hazard symbol or symbols :**

**Indication of danger** : Toxic

<b>Risk phrases</b>	:	IgG/IgM Sample Diluent	This product is not classified as dangerous according to EU legislation.
		Rubella IgM Reagent Wedge RA	This product is not classified as dangerous according to EU legislation.
		Rubella IgM Controls	R25- Toxic if swallowed. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
		Rubella IgM Adjustors	R25- Toxic if swallowed.

**SECTION 2: Hazards identification****Safety phrases**

: IgG/IgM Sample Diluent  
 Rubella IgM Reagent Wedge RA  
 Rubella IgM Controls

Rubella IgM Adjustors

R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Not applicable.

Not applicable.

S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Hazardous ingredients**

: **Rubella IgM Controls**  
 Sodium azide

**Rubella IgM Adjustors**  
 Sodium azide

**Supplemental label elements**

: Not applicable.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles**

: IgG/IgM Sample Diluent  
 Rubella IgM Reagent Wedge RA  
 Rubella IgM Controls  
 Rubella IgM Adjustors

Not applicable.

Not applicable.

Not applicable.

Not applicable.

**2.3 Other hazards****Other hazards which do not result in classification**

: None known.

Potentially biohazardous material.

**SECTION 3: Composition/information on ingredients****Substance/mixture**

: IgG/IgM Sample Diluent  
 Rubella IgM Reagent Wedge RA  
 Rubella IgM Controls  
 Rubella IgM Adjustors

Mixture

Mixture

Mixture

Mixture

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
<b>IgG/IgM Sample Diluent</b> aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	>=1, <5	Not classified.	Eye Irrit. 2, H319	[1]
<b>Rubella IgM Reagent Wedge RA</b> tetrasodium ethylene diamine tetraacetate	EC: 200-573-9 CAS: 64-02-8 Index: 607-428-00-2	>=1, <3	Xn; R22 Xi; R41	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318	[1]
aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	>=1, <5	Not classified.	Eye Irrit. 2, H319	[1]
<b>Rubella IgM Controls</b> aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	>=5, <10	Not classified.	Eye Irrit. 2, H319	[1]
sodium azide	EC: 247-852-1 CAS: 26628-22-8	>=1, <2.5	T+; R28 R32	Acute Tox. 2, H300 Acute Tox. 1, H310	[1] [2]

**SECTION 3: Composition/information on ingredients**

<b>Rubella IgM Adjustors</b>	Index: 011-004-00-7		N; R50/53	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	
aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	>=5, <10	Not classified.	Eye Irrit. 2, H319	[1]
sodium azide	EC: 247-852-1 CAS: 26628-22-8 Index: 011-004-00-7	>=1, <2.5	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**

: IgG/IgM Sample Diluent

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Rubella IgM Reagent Wedge RA

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.

Rubella IgM 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.

Rubella IgM Adjustors

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.

**Inhalation**

: IgG/IgM Sample Diluent

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

Rubella IgM Reagent Wedge RA

**SECTION 4: First aid measures**

## Rubella IgM Controls

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

## Rubella IgM Adjustors

Get medical attention immediately. 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. 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. 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**

: IgG/IgM Sample Diluent

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

## Rubella IgM Reagent Wedge RA

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

## Rubella IgM Controls

Get medical attention immediately. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Rubella IgM Adjustors

Get medical attention immediately. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Clean shoes thoroughly before

**SECTION 4: First aid measures****Ingestion**

: IgG/IgM Sample Diluent

reuse.

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.

Rubella IgM Reagent Wedge RA

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.

Rubella IgM Controls

Get medical attention immediately. 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. 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. Get medical attention immediately. 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. 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.

Rubella IgM Adjustors

**Protection of first-aiders**

: 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**



**SECTION 4: First aid measures****Potential acute health effects**

<b>Eye contact</b>	: IgG/IgM Sample Diluent	No known significant effects or critical hazards.
	Rubella IgM Reagent Wedge RA	No known significant effects or critical hazards.
	Rubella IgM Controls	No known significant effects or critical hazards.
	Rubella IgM Adjustors	No known significant effects or critical hazards.
<b>Inhalation</b>	: IgG/IgM Sample Diluent	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	Rubella IgM Reagent Wedge RA	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	Rubella IgM Controls	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	Rubella IgM Adjustors	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
<b>Skin contact</b>	: IgG/IgM Sample Diluent	No known significant effects or critical hazards.
	Rubella IgM Reagent Wedge RA	No known significant effects or critical hazards.
	Rubella IgM Controls	No known significant effects or critical hazards.
	Rubella IgM Adjustors	No known significant effects or critical hazards.
<b>Ingestion</b>	: IgG/IgM Sample Diluent	No known significant effects or critical hazards.
	Rubella IgM Reagent Wedge RA	No known significant effects or critical hazards.
	Rubella IgM Controls	Toxic if swallowed.
	Rubella IgM Adjustors	Toxic if swallowed.

**Over-exposure signs/symptoms**

<b>Eye contact</b>	: IgG/IgM Sample Diluent	No specific data.
	Rubella IgM Reagent Wedge RA	No specific data.
	Rubella IgM Controls	No specific data.
	Rubella IgM Adjustors	No specific data.
<b>Inhalation</b>	: IgG/IgM Sample Diluent	No specific data.
	Rubella IgM Reagent Wedge RA	No specific data.
	Rubella IgM Controls	No specific data.
	Rubella IgM Adjustors	No specific data.
<b>Skin contact</b>	: IgG/IgM Sample Diluent	No specific data.
	Rubella IgM Reagent Wedge RA	No specific data.
	Rubella IgM Controls	No specific data.
	Rubella IgM Adjustors	No specific data.
<b>Ingestion</b>	: IgG/IgM Sample Diluent	No specific data.
	Rubella IgM Reagent Wedge RA	No specific data.
	Rubella IgM Controls	No specific data.
	Rubella IgM Adjustors	No specific data.

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

<b>Notes to physician</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.
<b>Specific treatments</b>	: 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.

**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. This material is harmful to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**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. Do not breathe 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 Section 8 for additional information on hygiene measures.

### 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.

### 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.



**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). Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. 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. Separate from acids. 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.

**Seveso II Directive - Reporting thresholds (in tonnes)****Danger criteria**

Category	Notification and MAPP threshold	Safety report threshold
<b>Rubella IgM Controls</b>		
H2: Acute toxicity 2 any route of entry or Acute toxicity 3 Inhalation/Dermal route of entry	50	200
C2: Toxic	50	200
<b>Rubella IgM Adjustors</b>		
H2: Acute toxicity 2 any route of entry or Acute toxicity 3 Inhalation/Dermal route of entry	50	200
C2: Toxic	50	200

**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
<b>Rubella IgM Controls</b> 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.
<b>Rubella IgM Adjustors</b> 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** : If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Engineering controls may be required to control the primary or secondary risks associated with this product.

**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 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.

**SECTION 8: Exposure controls/personal protection**

- 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**

<b>Physical state</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Liquid. Liquid. Solid. Solid.
<b>Colour</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Colourless. Colourless. Not available. Not available.
<b>Odour</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Bland. Odorless. Not available. Not available.
<b>pH</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not applicable. 7.95 to 8.05 Not available. Not available.
<b>Melting point/freezing point</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not available. Not available. Not available. Not available.
<b>Initial boiling point and boiling range</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not available. Not available. Not available. Not available.
<b>Flash point</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not available. Not available. [Product does not sustain combustion.] [Product does not sustain combustion.]
<b>Evaporation rate</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not available. Not available. Not available. Not available.
<b>Flammability (solid, gas)</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not available. Not available. Not available. Not available.
<b>Burning time</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not applicable. Not applicable. Not available. Not available.

**SECTION 9: Physical and chemical properties**

<b>Burning rate</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not applicable. Not applicable. Not available. Not available.
<b>Upper/lower flammability or explosive limits</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not available. Not available. Not available. Not available.
<b>Vapour pressure</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not available. Not available. Not available. Not available.
<b>Solubility in water</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not available. Not available. Not available. Not available.
<b>Partition coefficient: n-octanol/ water</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not available. Not available. Not available. Not available.
<b>Auto-ignition temperature</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not available. Not available. Not available. Not available.
<b>Decomposition temperature</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not available. Not available. Not available. Not available.
<b>Viscosity</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not available. Not available. Not available. Not available.
<b>Explosive properties</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls  Rubella IgM Adjustors	Not available. Not available. Explosive in the presence of the following materials or conditions: metals, acids and moisture. Explosive in the presence of the following materials or conditions: metals, acids and moisture.
<b>Oxidising properties</b>	: IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not available. Not available. Not available. Not available.

**9.2 Other information**

**SADT** : Not available.

**Aerosol product**

**Type of aerosol** : Not applicable.

**Heat of combustion** : Not available.

**Ignition distance** : Not applicable.

**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** : No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability** : The product is stable.
- 10.3 Possibility of hazardous reactions** : Hazardous reactions or instability may occur under certain conditions of storage or use.  
Conditions may include the following:  
contact with acids  
Reactions may include the following:  
liberation of toxic gas
- 10.4 Conditions to avoid** : No specific data.
- 10.5 Incompatible materials** : Reactive or incompatible with the following materials:  
acids
- 10.6 Hazardous decomposition products** : Contact with acids liberates very toxic gas.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects**Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
<b>Rubella IgM Reagent Wedge RA</b> tetrasodium ethylene diamine tetraacetate	LD50 Oral	Rat	10 g/kg	-
<b>Rubella IgM Controls</b> sodium azide	LD50 Dermal LD50 Dermal LD50 Oral	Rabbit Rat Rat	20 mg/kg 50 mg/kg 27 mg/kg	- - -
<b>Rubella IgM Adjustors</b> sodium azide	LD50 Dermal LD50 Dermal LD50 Oral	Rabbit Rat Rat	20 mg/kg 50 mg/kg 27 mg/kg	- - -

**Conclusion/Summary** : Not available.

Acute toxicity estimates

Route	ATE value
<b>Rubella IgM Reagent Wedge RA</b> Oral	24026.9 mg/kg
<b>Rubella IgM Controls</b> Oral Dermal	1285.7 mg/kg 952.4 mg/kg
<b>Rubella IgM Adjustors</b> Oral Dermal	1285.7 mg/kg 952.4 mg/kg

Irritation/Corrosion

**SECTION 11: Toxicological information**

Product/ingredient name	Result	Species	Score	Exposure	Observation
<b>IgG/IgM Sample Diluent</b> aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
<b>Rubella IgM Reagent Wedge RA</b> tetrasodium ethylene diamine tetraacetate	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 milligrams	-
aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
<b>Rubella IgM Controls</b> aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
<b>Rubella IgM Adjustors</b> aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-

**Conclusion/Summary** : Not available.

**Sensitisation**

**Conclusion/Summary** : Not available.

**Mutagenicity**

**Conclusion/Summary** : Not available.

**Carcinogenicity**

**Conclusion/Summary** : Not available.

**Reproductive toxicity**

**Conclusion/Summary** : Not available.

**Teratogenicity**

**Conclusion/Summary** : Not available.

**Information on the likely routes of exposure** : Not available.

**Potential acute health effects**

<b>Eye contact</b>	: IgG/IgM Sample Diluent	No known significant effects or critical hazards.
	Rubella IgM Reagent Wedge RA	No known significant effects or critical hazards.
	Rubella IgM Controls	No known significant effects or critical hazards.
	Rubella IgM Adjustors	No known significant effects or critical hazards.
<b>Inhalation</b>	: IgG/IgM Sample Diluent	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	Rubella IgM Reagent Wedge RA	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	Rubella IgM Controls	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	Rubella IgM Adjustors	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following



**SECTION 11: Toxicological information**

<b>Skin contact</b>	: IgG/IgM Sample Diluent	exposure. No known significant effects or critical hazards.
	Rubella IgM Reagent Wedge RA	No known significant effects or critical hazards.
	Rubella IgM Controls	No known significant effects or critical hazards.
	Rubella IgM Adjustors	No known significant effects or critical hazards.
<b>Ingestion</b>	: IgG/IgM Sample Diluent	No known significant effects or critical hazards.
	Rubella IgM Reagent Wedge RA	No known significant effects or critical hazards.
	Rubella IgM Controls	Toxic if swallowed.
	Rubella IgM Adjustors	Toxic if swallowed.

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

<b>Eye contact</b>	: IgG/IgM Sample Diluent	No specific data.
	Rubella IgM Reagent Wedge RA	No specific data.
	Rubella IgM Controls	No specific data.
	Rubella IgM Adjustors	No specific data.
<b>Inhalation</b>	: IgG/IgM Sample Diluent	No specific data.
	Rubella IgM Reagent Wedge RA	No specific data.
	Rubella IgM Controls	No specific data.
	Rubella IgM Adjustors	No specific data.
<b>Skin contact</b>	: IgG/IgM Sample Diluent	No specific data.
	Rubella IgM Reagent Wedge RA	No specific data.
	Rubella IgM Controls	No specific data.
	Rubella IgM Adjustors	No specific data.
<b>Ingestion</b>	: IgG/IgM Sample Diluent	No specific data.
	Rubella IgM Reagent Wedge RA	No specific data.
	Rubella IgM Controls	No specific data.
	Rubella IgM Adjustors	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>	: IgG/IgM Sample Diluent	Not available.
	Rubella IgM Reagent Wedge RA	Not available.
	Rubella IgM Controls	Not available.
	Rubella IgM Adjustors	Not available.
<b>Potential delayed effects</b>	: IgG/IgM Sample Diluent	Not available.
	Rubella IgM Reagent Wedge RA	Not available.
	Rubella IgM Controls	Not available.
	Rubella IgM Adjustors	Not available.

**Long term exposure**

<b>Potential immediate effects</b>	: IgG/IgM Sample Diluent	Not available.
	Rubella IgM Reagent Wedge RA	Not available.
	Rubella IgM Controls	Not available.
	Rubella IgM Adjustors	Not available.
<b>Potential delayed effects</b>	: IgG/IgM Sample Diluent	Not available.
	Rubella IgM Reagent Wedge RA	Not available.
	Rubella IgM Controls	Not available.
	Rubella IgM Adjustors	Not available.

**Potential chronic health effects**

Not available.

**Conclusion/Summary** : Not available.

**SECTION 11: Toxicological information**

<b>General</b>	: IgG/IgM Sample Diluent	No known significant effects or critical hazards.
	Rubella IgM Reagent Wedge RA	No known significant effects or critical hazards.
	Rubella IgM Controls	No known significant effects or critical hazards.
	Rubella IgM Adjustors	No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: IgG/IgM Sample Diluent	No known significant effects or critical hazards.
	Rubella IgM Reagent Wedge RA	No known significant effects or critical hazards.
	Rubella IgM Controls	No known significant effects or critical hazards.
	Rubella IgM Adjustors	No known significant effects or critical hazards.
<b>Mutagenicity</b>	: IgG/IgM Sample Diluent	No known significant effects or critical hazards.
	Rubella IgM Reagent Wedge RA	No known significant effects or critical hazards.
	Rubella IgM Controls	No known significant effects or critical hazards.
	Rubella IgM Adjustors	No known significant effects or critical hazards.
<b>Teratogenicity</b>	: IgG/IgM Sample Diluent	No known significant effects or critical hazards.
	Rubella IgM Reagent Wedge RA	No known significant effects or critical hazards.
	Rubella IgM Controls	No known significant effects or critical hazards.
	Rubella IgM Adjustors	No known significant effects or critical hazards.
<b>Developmental effects</b>	: IgG/IgM Sample Diluent	No known significant effects or critical hazards.
	Rubella IgM Reagent Wedge RA	No known significant effects or critical hazards.
	Rubella IgM Controls	No known significant effects or critical hazards.
	Rubella IgM Adjustors	No known significant effects or critical hazards.
<b>Fertility effects</b>	: IgG/IgM Sample Diluent	No known significant effects or critical hazards.
	Rubella IgM Reagent Wedge RA	No known significant effects or critical hazards.
	Rubella IgM Controls	No known significant effects or critical hazards.
	Rubella IgM Adjustors	No known significant effects or critical hazards.

**Other information** : Not available.

**SECTION 12: Ecological information****12.1 Toxicity**

**SECTION 12: Ecological information**

Product/ingredient name	Result	Species	Exposure
<b>Rubella IgM Reagent Wedge RA</b> tetrasodium ethylene diamine tetraacetate	Acute LC50 486000 to 500000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours
<b>Rubella IgM Controls</b> 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	Fish - Lepomis macrochirus	96 hours
	Chronic NOEC 5600 µg/l Marine water	Algae - Macrocystis pyrifera	96 hours
<b>Rubella IgM Adjustors</b> 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	Fish - Lepomis macrochirus	96 hours
	Chronic NOEC 5600 µg/l Marine water	Algae - Macrocystis pyrifera	96 hours

**Conclusion/Summary** : Not available.

**12.2 Persistence and degradability**

**Conclusion/Summary** : Not available.

**12.3 Bioaccumulative potential**

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
<b>IgG/IgM Sample Diluent</b> aminocaproic acid	-2.95	-	low
<b>Rubella IgM Reagent Wedge RA</b> tetrasodium ethylene diamine tetraacetate	5.01	1.8	low
aminocaproic acid	-2.95	-	low
<b>Rubella IgM Controls</b> aminocaproic acid	-2.95	-	low
<b>Rubella IgM Adjustors</b> aminocaproic acid	-2.95	-	low

**12.4 Mobility in soil**

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

**Mobility** : Not available.

**12.5 Results of PBT and vPvB assessment**

**PBT** : IgG/IgM Sample Diluent Not applicable.  
 Rubella IgM Reagent Wedge RA Not applicable.  
 Rubella IgM Controls Not applicable.  
 Rubella IgM Adjustors Not applicable.

**SECTION 12: Ecological information**

<b>vPvB</b>	IgG/IgM Sample Diluent	Not applicable.
	Rubella IgM Reagent Wedge RA	Not applicable.
	Rubella IgM Controls	Not applicable.
	Rubella IgM Adjustors	Not applicable.

**12.6 Other adverse effects** : 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**

<b>Methods of disposal</b>	: 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.
<b>Hazardous waste</b>	: The classification of the product may meet the criteria for a hazardous waste. Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

**Packaging**

<b>Methods of disposal</b>	: 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.
<b>Special precautions</b>	: 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>	IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	Not regulated. Not regulated. UN3288 UN3288
<b>14.2 UN proper shipping name</b>	IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	- - Toxic solid, inorganic, n.o.s. (sodium azide) Toxic solid, inorganic, n.o.s. (sodium azide)
<b>14.3 Transport hazard class(es)</b>	IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	- - 6.1 6.1
		
<b>14.4 Packing group</b>	IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	- - III III
<b>14.5 Environmental hazards</b>	IgG/IgM Sample Diluent Rubella IgM Reagent Wedge RA Rubella IgM Controls Rubella IgM Adjustors	No. No. No. No.


**SECTION 14: Transport information**

<b>Additional information</b>	IgG/IgM Sample Diluent	-
	Rubella IgM Reagent Wedge RA	-
	Rubella IgM Controls	<b>Tunnel code</b> (E)
	Rubella IgM Adjustors	<b>Tunnel code</b> (E)

**ADN**

<b>14.1 UN number</b>	IgG/IgM Sample Diluent	Not regulated.
	Rubella IgM Reagent Wedge RA	Not regulated.
	Rubella IgM Controls	UN3288
	Rubella IgM Adjustors	UN3288
<b>14.2 UN proper shipping name</b>	IgG/IgM Sample Diluent	-
	Rubella IgM Reagent Wedge RA	-
	Rubella IgM Controls	Toxic solid, inorganic, n.o.s. (sodium azide)
	Rubella IgM Adjustors	Toxic solid, inorganic, n.o.s. (sodium azide)
<b>14.3 Transport hazard class(es)</b>	IgG/IgM Sample Diluent	-
	Rubella IgM Reagent Wedge RA	-
	Rubella IgM Controls	6.1
	Rubella IgM Adjustors	6.1
		
<b>14.4 Packing group</b>	IgG/IgM Sample Diluent	-
	Rubella IgM Reagent Wedge RA	-
	Rubella IgM Controls	III
	Rubella IgM Adjustors	III
<b>14.5 Environmental hazards</b>	IgG/IgM Sample Diluent	No.
	Rubella IgM Reagent Wedge RA	No.
	Rubella IgM Controls	Yes.
	Rubella IgM Adjustors	Yes.
<b>Additional information</b>	IgG/IgM Sample Diluent	-
	Rubella IgM Reagent Wedge RA	-
	Rubella IgM Controls	-
	Rubella IgM Adjustors	-

**IMDG**

<b>14.1 UN number</b>	IgG/IgM Sample Diluent	Not regulated.
	Rubella IgM Reagent Wedge RA	Not regulated.
	Rubella IgM Controls	UN3288
	Rubella IgM Adjustors	UN3288
<b>14.2 UN proper shipping name</b>	IgG/IgM Sample Diluent	-
	Rubella IgM Reagent Wedge RA	-
	Rubella IgM Controls	Toxic solid, inorganic, n.o.s. (sodium azide)
	Rubella IgM Adjustors	Toxic solid, inorganic, n.o.s. (sodium azide)
<b>14.3 Transport hazard class(es)</b>	IgG/IgM Sample Diluent	-
	Rubella IgM Reagent Wedge RA	-
	Rubella IgM Controls	6.1
	Rubella IgM Adjustors	6.1
		
<b>14.4 Packing group</b>	IgG/IgM Sample Diluent	-
	Rubella IgM Reagent Wedge RA	-
	Rubella IgM Controls	III
	Rubella IgM Adjustors	III

**SECTION 14: Transport information**

<b>14.5</b>	IgG/IgM Sample Diluent	No.
<b>Environmental hazards</b>	Rubella IgM Reagent Wedge RA	No.
	Rubella IgM Controls	No.
	Rubella IgM Adjustors	No.
<b>Additional information</b>	IgG/IgM Sample Diluent	-
	Rubella IgM Reagent Wedge RA	-
	Rubella IgM Controls	-
	Rubella IgM Adjustors	-

**IATA**

<b>14.1 UN number</b>	IgG/IgM Sample Diluent	Not regulated.
	Rubella IgM Reagent Wedge RA	Not regulated.
	Rubella IgM Controls	UN3288
	Rubella IgM Adjustors	UN3288
<b>14.2 UN proper shipping name</b>	IgG/IgM Sample Diluent	-
	Rubella IgM Reagent Wedge RA	-
	Rubella IgM Controls	Toxic solid, inorganic, n.o.s. (sodium azide)
	Rubella IgM Adjustors	Toxic solid, inorganic, n.o.s. (sodium azide)
<b>14.3 Transport hazard class(es)</b>	IgG/IgM Sample Diluent	-
	Rubella IgM Reagent Wedge RA	-
	Rubella IgM Controls	6.1
	Rubella IgM Adjustors	6.1



<b>14.4 Packing group</b>	IgG/IgM Sample Diluent	-
	Rubella IgM Reagent Wedge RA	-
	Rubella IgM Controls	III
	Rubella IgM Adjustors	III
<b>14.5 Environmental hazards</b>	IgG/IgM Sample Diluent	No.
	Rubella IgM Reagent Wedge RA	No.
	Rubella IgM Controls	No.
	Rubella IgM Adjustors	No.
<b>Additional information</b>	IgG/IgM Sample Diluent	-
	Rubella IgM Reagent Wedge RA	-
	Rubella IgM Controls	-
	Rubella IgM Adjustors	-

**14.6 Special precautions for user** : IgG/IgM Sample Diluent

Rubella IgM Reagent Wedge RA

Rubella IgM Controls

Rubella IgM Adjustors

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

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

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

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



**SECTION 14: Transport information**

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.

<b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b>	<b>: IgG/IgM Sample Diluent</b>	Not applicable.
	<b>Rubella IgM Reagent Wedge RA</b>	Not applicable.
	<b>Rubella IgM Controls</b>	Not applicable.
	<b>Rubella IgM Adjustors</b>	Not applicable.

**Other EU regulations**

**Europe inventory** : Not determined.

**Seveso II Directive**

This product is controlled under the Seveso II Directive.

**Danger criteria****Category****Rubella IgM Controls**

H2: Acute toxicity 2 any route of entry or Acute toxicity 3 Inhalation/Dermal route of entry  
 C2: Toxic

**Rubella IgM Adjustors**

H2: Acute toxicity 2 any route of entry or Acute toxicity 3 Inhalation/Dermal route of entry  
 C2: Toxic

**15.2 Chemical Safety Assessment** : This product contains substances for which Chemical Safety Assessments are still required.

**SECTION 16: Other information**

Indicates information that has changed from previously issued version.

**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

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

**SECTION 16: Other information****Rubella IgM Reagent Wedge RA**

Eye Irrit. 2, H319

**Rubella IgM Controls**

Acute Tox. 4, H302

Acute Tox. 3, H311

Aquatic Chronic 3, H412

**Rubella IgM Adjustors**

Acute Tox. 4, H302

Acute Tox. 3, H311

Aquatic Chronic 3, H412

**Rubella IgM Reagent Wedge RA**

Eye Irrit. 2, H319

Calculation method

**Rubella IgM Controls**

Acute Tox. 4, H302

Acute Tox. 3, H311

Aquatic Chronic 3, H412

Calculation method

Calculation method

Calculation method

**Rubella IgM Adjustors**

Acute Tox. 4, H302

Acute Tox. 3, H311

Aquatic Chronic 3, H412

Calculation method

Calculation method

Calculation method

**Full text of abbreviated H statements****: IgG/IgM Sample****Diluent**

H319

Causes serious eye irritation.

**Rubella IgM Reagent Wedge RA**

H302

Harmful if swallowed.

H315

Causes skin irritation.

H318

Causes serious eye damage.

H319

Causes serious eye irritation.

**Rubella IgM Controls**

H300

Fatal if swallowed.

H302

Harmful if swallowed.

H310

Fatal in contact with skin.

H311

Toxic in contact with skin.

H319

Causes serious eye irritation.

H400

Very toxic to aquatic life.

H410

Very toxic to aquatic life with long lasting effects.

H412

Harmful to aquatic life with long lasting effects.

**Rubella IgM Adjustors**

H300

Fatal if swallowed.

H302

Harmful if swallowed.

H310

Fatal in contact with skin.

H311

Toxic in contact with skin.

H319

Causes serious eye irritation.

H400

Very toxic to aquatic life.

H410

Very toxic to aquatic life with long lasting effects.

H412

Harmful to aquatic life with long lasting effects.

**SECTION 16: Other information**

**Full text of classifications [CLP/GHS]** : **IgG/IgM Sample Diluent**  
 Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2

**Rubella IgM Reagent Wedge RA**

Acute Tox. 4, H302 ACUTE TOXICITY: ORAL - Category 4  
 Eye Dam. 1, H318 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1  
 Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2  
 Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2

**Rubella IgM Controls**

Acute Tox. 1, H310 ACUTE TOXICITY: SKIN - Category 1  
 Acute Tox. 2, H300 ACUTE TOXICITY: ORAL - Category 2  
 Acute Tox. 3, H311 ACUTE TOXICITY: SKIN - Category 3  
 Acute Tox. 4, H302 ACUTE TOXICITY: ORAL - Category 4  
 Aquatic Acute 1, H400 ACUTE AQUATIC HAZARD - Category 1  
 Aquatic Chronic 1, H410 LONG-TERM AQUATIC HAZARD - Category 1  
 Aquatic Chronic 3, H412 LONG-TERM AQUATIC HAZARD - Category 3  
 Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2

**Rubella IgM Adjustors**

Acute Tox. 1, H310 ACUTE TOXICITY: SKIN - Category 1  
 Acute Tox. 2, H300 ACUTE TOXICITY: ORAL - Category 2  
 Acute Tox. 3, H311 ACUTE TOXICITY: SKIN - Category 3  
 Acute Tox. 4, H302 ACUTE TOXICITY: ORAL - Category 4  
 Aquatic Acute 1, H400 ACUTE AQUATIC HAZARD - Category 1  
 Aquatic Chronic 1, H410 LONG-TERM AQUATIC HAZARD - Category 1  
 Aquatic Chronic 3, H412 LONG-TERM AQUATIC HAZARD - Category 3  
 Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2

**Full text of abbreviated R phrases** : R28- Very toxic if swallowed.  
 R25- Toxic 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.

**Full text of classifications [DSD/DPD]** : T+ - Very toxic  
 T - Toxic  
 N - Dangerous for the environment

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**Date of previous issue** : No previous validation.

**Version** : 1

**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.