

SAFETY DATA SHEET

SIEMENS

Immulin® 2000 CMV IgM

MSDS no. : L2KCM2_6

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

1.1 Product identifier

Product name	: Immulin® 2000 CMV IgM	
Product code	: L2KCM2/6, 10381310, 10381320, 10370302	
Product description	: Not available.	
Product type	: Liquid.	
Other means of identification	: CMV IgM Reagent Wedge A	L2CMA2-A
	CMV IgM Reagent Wedge B	L2CMA2-B
	CMV IgM Reagent Wedge C	L2CMA2-C
	CMV IgM Adjustor (L2CMJ3)	L2CMJ3
	CMV IgM Controls	LCMC1, LCMC2

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

Product definition	:	CMV IgM Reagent Wedge A	Mixture
		CMV IgM Reagent Wedge B	Mixture
		CMV IgM Reagent Wedge C	Mixture
		CMV IgM Adjustor (L2CMJ3)	Mixture
		CMV IgM Controls	Mixture

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

CMV IgM Reagent Wedge A	The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.
CMV IgM Reagent Wedge B	The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.
CMV IgM Reagent Wedge C	The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.
CMV IgM Adjustor (L2CMJ3)	The product is classified as dangerous according to Directive 1999/45/EC and its amendments.
CMV IgM Controls	The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification	:	CMV IgM Reagent Wedge A	Not classified.
		CMV IgM Reagent Wedge B	Not classified.
		CMV IgM Reagent Wedge C	Not classified.
		CMV IgM Adjustor (L2CMJ3)	Xn; R22 R52/53
		CMV IgM Controls	Xn; R22 R52/53

Physical/chemical hazards	:	CMV IgM Reagent Wedge A	Not applicable.
		CMV IgM Reagent Wedge B	Not applicable.
		CMV IgM Reagent Wedge C	Not applicable.
		CMV IgM Adjustor (L2CMJ3)	Not applicable.
		CMV IgM Controls	Not applicable.

Human health hazards	:	CMV IgM Reagent Wedge A	Not applicable.
		CMV IgM Reagent Wedge B	Not applicable.
		CMV IgM Reagent Wedge C	Not applicable.
		CMV IgM Adjustor (L2CMJ3)	Harmful if swallowed.
		CMV IgM Controls	Harmful if swallowed.

Environmental hazards	:	CMV IgM Reagent Wedge A	Not applicable.
		CMV IgM Reagent Wedge B	Not applicable.
		CMV IgM Reagent Wedge C	Not applicable.
		CMV IgM Adjustor (L2CMJ3)	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
		CMV IgM Controls	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

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

2.2 Label elements

Precautionary statements

Hazard symbol or symbols :



Indication of danger : Harmful

SECTION 2: Hazards identification

Risk phrases	: CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	This product is not classified as dangerous according to EU legislation. This product is not classified as dangerous according to EU legislation. This product is not classified as dangerous according to EU legislation. R22- Harmful if swallowed. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R22- Harmful if swallowed. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety phrases	: CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Not applicable. Not applicable. Not applicable. Not applicable. S28- After contact with skin, wash immediately with plenty of water. S35- This material and its container must be disposed of in a safe way.
Hazardous ingredients	: CMV IgM Adjustor (L2CMJ3) 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	: CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Not applicable. 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	: CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Mixture Mixture Mixture Mixture Mixture
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Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
CMV IgM Reagent Wedge A 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]
CMV IgM Reagent					

SECTION 3: Composition/information on ingredients

Wedge 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]
CMV IgM Reagent Wedge C aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	>=1, <5	Not classified.	Eye Irrit. 2, H319	[1]
CMV IgM Adjustor (L2CMJ3) sodium azide	EC: 247-852-1 CAS: 26628-22-8 Index: 011-004-00-7	>=0.25, <1	T+; R28 R32 N; R50/53 See Section 16 for the full text of the R-phrases declared above.	Acute Tox. 2, H300 Acute Tox. 1, H310 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 See Section 16 for the full text of the H statements declared above.	[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

: CMV IgM 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.

CMV IgM 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.

CMV IgM Reagent Wedge C

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.

CMV IgM Adjustor (L2CMJ3)

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.

CMV 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.

SECTION 4: First aid measures

Inhalation	: CMV IgM 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.
	CMV IgM 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.
	CMV IgM Reagent Wedge C	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.
	CMV IgM Adjustor (L2CMJ3)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	CMV IgM Controls	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: CMV IgM Reagent Wedge A	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	CMV IgM Reagent Wedge B	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	CMV IgM Reagent Wedge C	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	CMV IgM Adjustor (L2CMJ3)	Flush contaminated skin with plenty of

SECTION 4: First aid measures

Ingestion

CMV IgM Controls

water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

: CMV IgM 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.

CMV IgM 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.

CMV IgM Reagent Wedge C

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.

CMV IgM Adjustor (L2CMJ3)

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. 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.

CMV IgM Controls

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small

SECTION 4: First aid measures

quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. 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.

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

Potential acute health effects

Eye contact : CMV IgM Reagent Wedge A No known significant effects or critical hazards.
 CMV IgM Reagent Wedge B No known significant effects or critical hazards.
 CMV IgM Reagent Wedge C No known significant effects or critical hazards.
 CMV IgM Adjustor (L2CMJ3) No known significant effects or critical hazards.
 CMV IgM Controls No known significant effects or critical hazards.

Inhalation : CMV IgM Reagent Wedge A Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
 CMV IgM Reagent Wedge B Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
 CMV IgM Reagent Wedge C Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
 CMV IgM Adjustor (L2CMJ3) No known significant effects or critical hazards.
 CMV IgM Controls No known significant effects or critical hazards.

Skin contact : CMV IgM Reagent Wedge A No known significant effects or critical hazards.
 CMV IgM Reagent Wedge B No known significant effects or critical hazards.
 CMV IgM Reagent Wedge C No known significant effects or critical hazards.
 CMV IgM Adjustor (L2CMJ3) No known significant effects or critical hazards.
 CMV IgM Controls No known significant effects or critical hazards.

Ingestion : CMV IgM Reagent Wedge A No known significant effects or critical hazards.
 CMV IgM Reagent Wedge B No known significant effects or critical hazards.
 CMV IgM Reagent Wedge C No known significant effects or critical hazards.
 CMV IgM Adjustor (L2CMJ3) Harmful if swallowed.
 CMV IgM Controls Harmful if swallowed.

SECTION 4: First aid measures

Over-exposure signs/symptoms

Eye contact	:	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	No specific data. No specific data. No specific data. No specific data. No specific data.
Inhalation	:	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	No specific data. No specific data. No specific data. No specific data. No specific data.
Skin contact	:	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	No specific data. No specific data. No specific data. No specific data. No specific data.
Ingestion	:	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	No specific data. No specific data. No specific data. No specific data. No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	:	No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Use dry chemical, CO ₂ , 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

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. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also 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.

- 6.4 Reference to other sections** : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

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

7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)

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

SECTION 8: Exposure controls/personal protection

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

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
CMV IgM Adjustor (L2CMJ3) sodium azide	EH40/2005 WELs (United Kingdom (UK), 12/2011). Absorbed through skin. Notes: as NaN₃ STEL: 0.3 mg/m ³ , (as NaN ₃) 15 minutes. TWA: 0.1 mg/m ³ , (as NaN ₃) 8 hours.

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

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

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

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

SECTION 8: Exposure controls/personal protection

- 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	:	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Liquid. Liquid. Liquid. Solid. Solid.
Colour	:	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Colourless. Colourless. Colourless. Off-white. Off-white.
Odour	:	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Odourless. Odourless. Odourless. Odourless. Odorless.
pH	:	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	7.95 to 8.05 7.95 to 8.05 7.95 to 8.05 Not available. Not applicable.
Melting point/freezing point	:	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Not available. Not available. Not available. Not available. Not available.
Initial boiling point and boiling range	:	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Not available. Not available. Not available. Not available. Not available.
Flash point	:	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Not available. Not available. Not available. Not available. Not available.
Evaporation rate	:	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Not available. Not available. Not available. Not available. Not available.
Flammability (solid, gas)	:	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Not available. Not available. Not available. Not available. Not available.

SECTION 9: Physical and chemical properties

Burning time	:	CMV IgM Reagent Wedge A	Not applicable.
		CMV IgM Reagent Wedge B	Not applicable.
		CMV IgM Reagent Wedge C	Not applicable.
		CMV IgM Adjustor (L2CMJ3)	Not available.
		CMV IgM Controls	Not available.
Burning rate	:	CMV IgM Reagent Wedge A	Not applicable.
		CMV IgM Reagent Wedge B	Not applicable.
		CMV IgM Reagent Wedge C	Not applicable.
		CMV IgM Adjustor (L2CMJ3)	Not available.
		CMV IgM Controls	Not available.
Upper/lower flammability or explosive limits	:	CMV IgM Reagent Wedge A	Not available.
		CMV IgM Reagent Wedge B	Not available.
		CMV IgM Reagent Wedge C	Not available.
		CMV IgM Adjustor (L2CMJ3)	Not available.
		CMV IgM Controls	Not available.
Vapour pressure	:	CMV IgM Reagent Wedge A	Not available.
		CMV IgM Reagent Wedge B	Not available.
		CMV IgM Reagent Wedge C	Not available.
		CMV IgM Adjustor (L2CMJ3)	Not available.
		CMV IgM Controls	Not available.
Solubility in water	:	CMV IgM Reagent Wedge A	Not available.
		CMV IgM Reagent Wedge B	Not available.
		CMV IgM Reagent Wedge C	Not available.
		CMV IgM Adjustor (L2CMJ3)	Not available.
		CMV IgM Controls	Not available.
Partition coefficient: n-octanol/ water	:	CMV IgM Reagent Wedge A	Not available.
		CMV IgM Reagent Wedge B	Not available.
		CMV IgM Reagent Wedge C	Not available.
		CMV IgM Adjustor (L2CMJ3)	Not available.
		CMV IgM Controls	Not available.
Auto-ignition temperature	:	CMV IgM Reagent Wedge A	Not available.
		CMV IgM Reagent Wedge B	Not available.
		CMV IgM Reagent Wedge C	Not available.
		CMV IgM Adjustor (L2CMJ3)	Not available.
		CMV IgM Controls	Not available.
Decomposition temperature	:	CMV IgM Reagent Wedge A	Not available.
		CMV IgM Reagent Wedge B	Not available.
		CMV IgM Reagent Wedge C	Not available.
		CMV IgM Adjustor (L2CMJ3)	Not available.
		CMV IgM Controls	Not available.
Viscosity	:	CMV IgM Reagent Wedge A	Not available.
		CMV IgM Reagent Wedge B	Not available.
		CMV IgM Reagent Wedge C	Not available.
		CMV IgM Adjustor (L2CMJ3)	Not available.
		CMV IgM Controls	Not available.
Explosive properties	:	CMV IgM Reagent Wedge A	Not available.
		CMV IgM Reagent Wedge B	Not available.
		CMV IgM Reagent Wedge C	Not available.
		CMV IgM Adjustor (L2CMJ3)	Not available.
		CMV IgM Controls	Not available.
Oxidising properties	:	CMV IgM Reagent Wedge A	Not available.
		CMV IgM Reagent Wedge B	Not available.
		CMV IgM Reagent Wedge C	Not available.
		CMV IgM Adjustor (L2CMJ3)	Not available.
		CMV IgM Controls	Not available.

9.2 Other information

SADT : Not available.

Aerosol product

Type of aerosol : Not applicable.

SECTION 9: Physical and chemical properties

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	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: No specific data.
10.5 Incompatible materials	: No specific data.
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
CMV IgM Reagent Wedge A tetrasodium ethylene diamine tetraacetate	LD50 Oral	Rat	10 g/kg	-
CMV IgM Reagent Wedge B tetrasodium ethylene diamine tetraacetate	LD50 Oral	Rat	10 g/kg	-
CMV IgM Adjustor (L2CMJ3) 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
CMV IgM Reagent Wedge A Oral	16666.7 mg/kg
CMV IgM Reagent Wedge B Oral	16666.7 mg/kg
CMV IgM Adjustor (L2CMJ3) Oral	8181.8 mg/kg

SECTION 11: Toxicological information

Dermal 6060.6 mg/kg

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
CMV IgM Reagent Wedge A tetrasodium ethylene diamine tetraacetate aminocaproic acid	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
CMV IgM Reagent Wedge B tetrasodium ethylene diamine tetraacetate aminocaproic acid	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
CMV IgM Reagent Wedge C 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

Eye contact : CMV IgM Reagent Wedge A No known significant effects or critical hazards.
 CMV IgM Reagent Wedge B No known significant effects or critical hazards.
 CMV IgM Reagent Wedge C No known significant effects or critical hazards.
 CMV IgM Adjustor (L2CMJ3) No known significant effects or critical hazards.
 CMV IgM Controls No known significant effects or critical hazards.

Inhalation : CMV IgM Reagent Wedge A Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
 CMV IgM Reagent Wedge B Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

SECTION 11: Toxicological information

	CMV IgM Reagent Wedge C	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	CMV IgM Adjustor (L2CMJ3)	No known significant effects or critical hazards.
	CMV IgM Controls	No known significant effects or critical hazards.
Skin contact	: CMV IgM Reagent Wedge A	No known significant effects or critical hazards.
	CMV IgM Reagent Wedge B	No known significant effects or critical hazards.
	CMV IgM Reagent Wedge C	No known significant effects or critical hazards.
	CMV IgM Adjustor (L2CMJ3)	No known significant effects or critical hazards.
	CMV IgM Controls	No known significant effects or critical hazards.
Ingestion	: CMV IgM Reagent Wedge A	No known significant effects or critical hazards.
	CMV IgM Reagent Wedge B	No known significant effects or critical hazards.
	CMV IgM Reagent Wedge C	No known significant effects or critical hazards.
	CMV IgM Adjustor (L2CMJ3)	Harmful if swallowed.
	CMV IgM Controls	Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: CMV IgM Reagent Wedge A	No specific data.
	CMV IgM Reagent Wedge B	No specific data.
	CMV IgM Reagent Wedge C	No specific data.
	CMV IgM Adjustor (L2CMJ3)	No specific data.
	CMV IgM Controls	No specific data.
Inhalation	: CMV IgM Reagent Wedge A	No specific data.
	CMV IgM Reagent Wedge B	No specific data.
	CMV IgM Reagent Wedge C	No specific data.
	CMV IgM Adjustor (L2CMJ3)	No specific data.
	CMV IgM Controls	No specific data.
Skin contact	: CMV IgM Reagent Wedge A	No specific data.
	CMV IgM Reagent Wedge B	No specific data.
	CMV IgM Reagent Wedge C	No specific data.
	CMV IgM Adjustor (L2CMJ3)	No specific data.
	CMV IgM Controls	No specific data.
Ingestion	: CMV IgM Reagent Wedge A	No specific data.
	CMV IgM Reagent Wedge B	No specific data.
	CMV IgM Reagent Wedge C	No specific data.
	CMV IgM Adjustor (L2CMJ3)	No specific data.
	CMV IgM Controls	No specific data.

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

Short term exposure

Potential immediate effects	: CMV IgM Reagent Wedge A	Not available.
	CMV IgM Reagent Wedge B	Not available.
	CMV IgM Reagent Wedge C	Not available.
	CMV IgM Adjustor (L2CMJ3)	Not available.
	CMV IgM Controls	Not available.
Potential delayed effects	: CMV IgM Reagent Wedge A	Not available.
	CMV IgM Reagent Wedge B	Not available.
	CMV IgM Reagent Wedge C	Not available.
	CMV IgM Adjustor (L2CMJ3)	Not available.
	CMV IgM Controls	Not available.

SECTION 11: Toxicological information

Long term exposure

Potential immediate effects : CMV IgM Reagent Wedge A Not available.
 CMV IgM Reagent Wedge B Not available.
 CMV IgM Reagent Wedge C Not available.
 CMV IgM Adjustor (L2CMJ3) Not available.
 CMV IgM Controls Not available.

Potential delayed effects : CMV IgM Reagent Wedge A Not available.
 CMV IgM Reagent Wedge B Not available.
 CMV IgM Reagent Wedge C Not available.
 CMV IgM Adjustor (L2CMJ3) Not available.
 CMV IgM Controls Not available.

Potential chronic health effects

Not available.

Conclusion/Summary : Not available.

General : CMV IgM Reagent Wedge A No known significant effects or critical hazards.
 CMV IgM Reagent Wedge B No known significant effects or critical hazards.
 CMV IgM Reagent Wedge C No known significant effects or critical hazards.
 CMV IgM Adjustor (L2CMJ3) No known significant effects or critical hazards.
 CMV IgM Controls No known significant effects or critical hazards.

Carcinogenicity : CMV IgM Reagent Wedge A No known significant effects or critical hazards.
 CMV IgM Reagent Wedge B No known significant effects or critical hazards.
 CMV IgM Reagent Wedge C No known significant effects or critical hazards.
 CMV IgM Adjustor (L2CMJ3) No known significant effects or critical hazards.
 CMV IgM Controls No known significant effects or critical hazards.

Mutagenicity : CMV IgM Reagent Wedge A No known significant effects or critical hazards.
 CMV IgM Reagent Wedge B No known significant effects or critical hazards.
 CMV IgM Reagent Wedge C No known significant effects or critical hazards.
 CMV IgM Adjustor (L2CMJ3) No known significant effects or critical hazards.
 CMV IgM Controls No known significant effects or critical hazards.

Teratogenicity : CMV IgM Reagent Wedge A No known significant effects or critical hazards.
 CMV IgM Reagent Wedge B No known significant effects or critical hazards.
 CMV IgM Reagent Wedge C No known significant effects or critical hazards.
 CMV IgM Adjustor (L2CMJ3) No known significant effects or critical hazards.
 CMV IgM Controls No known significant effects or critical hazards.

Developmental effects : CMV IgM Reagent Wedge A No known significant effects or critical hazards.
 CMV IgM Reagent Wedge B No known significant effects or critical hazards.
 CMV IgM Reagent Wedge C No known significant effects or critical hazards.
 CMV IgM Adjustor (L2CMJ3) No known significant effects or critical hazards.

SECTION 11: Toxicological information

	CMV IgM Controls	No known significant effects or critical hazards.
Fertility effects	: CMV IgM Reagent Wedge A	No known significant effects or critical hazards.
	CMV IgM Reagent Wedge B	No known significant effects or critical hazards.
	CMV IgM Reagent Wedge C	No known significant effects or critical hazards.
	CMV IgM Adjustor (L2CMJ3)	No known significant effects or critical hazards.
	CMV IgM Controls	No known significant effects or critical hazards.

Other information : Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
CMV IgM Reagent Wedge A tetrasodium ethylene diamine tetraacetate	Acute LC50 486000 to 500000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours
CMV IgM Reagent Wedge B tetrasodium ethylene diamine tetraacetate	Acute LC50 486000 to 500000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours
CMV IgM Adjustor (L2CMJ3) sodium azide	Acute EC50 0.348 mg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute EC50 4.2 to 6.2 mg/l Fresh water	Daphnia - Daphnia pulex - Larvae	48 hours
	Acute LC50 9000 µg/l Fresh water	Crustaceans - Gammarus lacustris	48 hours
	Acute LC50 0.68 mg/l Fresh water Chronic NOEC 5600 µg/l Marine water	Fish - Lepomis macrochirus Algae - Macrocystis pyrifera	96 hours 96 hours

Conclusion/Summary : Not available.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
CMV IgM Reagent Wedge A tetrasodium ethylene diamine tetraacetate aminocaproic acid	5.01	1.8	low
	-2.95	-	low
CMV IgM Reagent Wedge B tetrasodium ethylene diamine tetraacetate aminocaproic acid	5.01	1.8	low
	-2.95	-	low
CMV IgM Reagent Wedge C			

SECTION 12: Ecological information

aminocaproic acid	-2.95	-	low
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12.4 Mobility in soil

- Soil/water partition coefficient (K_{oc})** : Not available.
- Mobility** : Not available.

12.5 Results of PBT and vPvB assessment

- PBT** :
- CMV IgM Reagent Wedge A : Not applicable.
 - CMV IgM Reagent Wedge B : Not applicable.
 - CMV IgM Reagent Wedge C : Not applicable.
 - CMV IgM Adjustor (L2CMJ3) : Not applicable.
 - CMV IgM Controls : Not applicable.
- vPvB** :
- CMV IgM Reagent Wedge A : Not applicable.
 - CMV IgM Reagent Wedge B : Not applicable.
 - CMV IgM Reagent Wedge C : Not applicable.
 - CMV IgM Adjustor (L2CMJ3) : Not applicable.
 - CMV IgM Controls : 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

- 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** : 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

- Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
- Special precautions** : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

ADR/RID

- 14.1 UN number**
- CMV IgM Reagent Wedge A : Not available.
 - CMV IgM Reagent Wedge B : Not available.
 - CMV IgM Reagent Wedge C : Not available.
 - CMV IgM Adjustor (L2CMJ3) : Not available.
 - CMV IgM Controls : Not regulated.
- 14.2 UN proper shipping name**
- CMV IgM Reagent Wedge A : Not available.
 - CMV IgM Reagent Wedge B : Not available.
 - CMV IgM Reagent Wedge C : Not available.
 - CMV IgM Adjustor (L2CMJ3) : Not available.
 - CMV IgM Controls : -

SECTION 14: Transport information

14.3 Transport hazard class(es)	CMV IgM Reagent Wedge A	Not available.
	CMV IgM Reagent Wedge B	Not available.
	CMV IgM Reagent Wedge C	Not available.
	CMV IgM Adjustor (L2CMJ3)	Not available.
	CMV IgM Controls	-
14.4 Packing group	CMV IgM Reagent Wedge A	-
	CMV IgM Reagent Wedge B	-
	CMV IgM Reagent Wedge C	-
	CMV IgM Adjustor (L2CMJ3)	-
	CMV IgM Controls	-
14.5 Environmental hazards	CMV IgM Reagent Wedge A	No.
	CMV IgM Reagent Wedge B	No.
	CMV IgM Reagent Wedge C	No.
	CMV IgM Adjustor (L2CMJ3)	No.
	CMV IgM Controls	No.
Additional information	CMV IgM Reagent Wedge A	-
	CMV IgM Reagent Wedge B	-
	CMV IgM Reagent Wedge C	-
	CMV IgM Adjustor (L2CMJ3)	-
	CMV IgM Controls	-
ADN		
14.1 UN number	CMV IgM Reagent Wedge A	Not available.
	CMV IgM Reagent Wedge B	Not available.
	CMV IgM Reagent Wedge C	Not available.
	CMV IgM Adjustor (L2CMJ3)	9005
	CMV IgM Controls	Not regulated.
14.2 UN proper shipping name	CMV IgM Reagent Wedge A	Not available.
	CMV IgM Reagent Wedge B	Not available.
	CMV IgM Reagent Wedge C	Not available.
	CMV IgM Adjustor (L2CMJ3)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Gentamicin, sulfate (salt))
	CMV IgM Controls	-
14.3 Transport hazard class(es)	CMV IgM Reagent Wedge A	Not available.
	CMV IgM Reagent Wedge B	Not available.
	CMV IgM Reagent Wedge C	Not available.
	CMV IgM Adjustor (L2CMJ3)	9
	CMV IgM Controls	-
14.4 Packing group	CMV IgM Reagent Wedge A	-
	CMV IgM Reagent Wedge B	-
	CMV IgM Reagent Wedge C	-
	CMV IgM Adjustor (L2CMJ3)	III
	CMV IgM Controls	-
14.5 Environmental hazards	CMV IgM Reagent Wedge A	No.
	CMV IgM Reagent Wedge B	No.
	CMV IgM Reagent Wedge C	No.
	CMV IgM Adjustor (L2CMJ3)	Yes.
	CMV IgM Controls	No.
Additional information	CMV IgM Reagent Wedge A	-
	CMV IgM Reagent Wedge B	-
	CMV IgM Reagent Wedge C	-
	CMV IgM Adjustor (L2CMJ3)	Classification applicable to tank vessels only.
	CMV IgM Controls	-

SECTION 14: Transport information

IMDG

14.1 UN number	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Not available. Not available. Not available. Not available. Not regulated.
14.2 UN proper shipping name	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Not available. Not available. Not available. Not available. -
14.3 Transport hazard class(es)	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Not available. Not available. Not available. Not available. -
14.4 Packing group	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	- - - - -
14.5 Environmental hazards	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	No. No. No. No. No.
Additional information	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	- - - - -

IATA

14.1 UN number	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Not available. Not available. Not available. Not available. Not regulated.
14.2 UN proper shipping name	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Not available. Not available. Not available. Not available. -
14.3 Transport hazard class(es)	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	Not available. Not available. Not available. Not available. -
14.4 Packing group	CMV IgM Reagent Wedge A CMV IgM Reagent Wedge B CMV IgM Reagent Wedge C CMV IgM Adjustor (L2CMJ3) CMV IgM Controls	- - - - -

SECTION 14: Transport information

14.5 Environmental hazards	CMV IgM Reagent Wedge A	No.
	CMV IgM Reagent Wedge B	No.
	CMV IgM Reagent Wedge C	No.
	CMV IgM Adjustor (L2CMJ3)	No.
	CMV IgM Controls	No.
Additional information	CMV IgM Reagent Wedge A	-
	CMV IgM Reagent Wedge B	-
	CMV IgM Reagent Wedge C	-
	CMV IgM Adjustor (L2CMJ3)	-
	CMV IgM Controls	-

14.6 Special precautions for user : CMV IgM Reagent Wedge A

CMV IgM Reagent Wedge B

CMV IgM Reagent Wedge C

CMV IgM Adjustor (L2CMJ3)

CMV IgM 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.

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.

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.

SECTION 15: Regulatory information

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: CMV IgM Reagent Wedge A	Not applicable.
	CMV IgM Reagent Wedge B	Not applicable.
	CMV IgM Reagent Wedge C	Not applicable.
	CMV IgM Adjustor (L2CMJ3)	Not applicable.
	CMV IgM Controls	Not applicable.

Other EU regulations

Europe inventory : Not determined.

Seveso II Directive

This product is not controlled under the Seveso II Directive.

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]

CMV IgM Reagent Wedge A

Eye Irrit. 2, H319

CMV IgM Reagent Wedge B

Eye Irrit. 2, H319

CMV IgM Adjustor (L2CMJ3)

Aquatic Chronic 3, H412

CMV IgM Reagent Wedge A

Eye Irrit. 2, H319

Calculation method

CMV IgM Reagent Wedge B

Eye Irrit. 2, H319

Calculation method

CMV IgM Adjustor (L2CMJ3)

Aquatic Chronic 3, H412

Calculation method

Full text of abbreviated H statements : **CMV IgM Reagent Wedge A**

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

CMV IgM Reagent Wedge B

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

SECTION 16: Other information

**CMV IgM Reagent
Wedge C**
H319

Causes serious eye irritation.

**CMV IgM Adjustor
(L2CMJ3)**
H300
H310
H400
H410
H412

Fatal if swallowed.
Fatal in contact with skin.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.
Harmful to aquatic life with long lasting effects.

**Full text of classifications
[CLP/GHS]**

**: CMV IgM Reagent
Wedge A**
Acute Tox. 4, H302
Eye Dam. 1, H318
Eye Irrit. 2, H319
Skin Irrit. 2, H315

ACUTE TOXICITY: ORAL - Category 4
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
SKIN CORROSION/IRRITATION - Category 2

**CMV IgM Reagent
Wedge B**
Acute Tox. 4, H302
Eye Dam. 1, H318
Eye Irrit. 2, H319
Skin Irrit. 2, H315

ACUTE TOXICITY: ORAL - Category 4
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
SKIN CORROSION/IRRITATION - Category 2

**CMV IgM Reagent
Wedge C**
Eye Irrit. 2, H319

SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2

**CMV IgM Adjustor
(L2CMJ3)**
Acute Tox. 1, H310
Acute Tox. 2, H300
Aquatic Acute 1, H400
Aquatic Chronic 1, H410
Aquatic Chronic 3, H412

ACUTE TOXICITY: SKIN - Category 1
ACUTE TOXICITY: ORAL - Category 2
ACUTE AQUATIC HAZARD - Category 1
LONG-TERM AQUATIC HAZARD - Category 1
LONG-TERM AQUATIC HAZARD - Category 3

**Full text of abbreviated R
phrases**

: R22- Harmful if swallowed.
R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Full text of classifications
[DSD/DPD]**

: Xn - Harmful

Date of printing

: 2/17/2015.

**Date of issue/ Date of
revision**

: 2/17/2015.

Date of previous issue

: No previous validation.

Version

: 1

Notice to reader

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