

SAFETY DATA SHEET

IMMULITE 2000 Syphilis Screen

SIEMENS
Healthineers 

SDS no.:

L2KSY2

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

1.1 Product identifier

Product name : IMMULITE 2000 Syphilis Screen

Product code : L2KSY2, 10489085; L2KSY2(D), 10471981; L2KSY6, 10488319; L2KSY6(D), 10471982

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

Identified uses	Syphilis Screen Reagent Wedge	Diagnostic agents.
	Syphilis Screen Adjustor	Diagnostic agents.
	Syphilis Screen Controls	Diagnostic agents.

Restrictions on use For professional users only.

Supplier : Siemens Healthcare Diagnostics Limited
Park View,
Watchmoor Park,
Camberley,
Surrey,
GU15 3YL
United Kingdom

Phone: +44 (0) 345 600 1955

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

1.4 Emergency telephone number

CHEMTREC: +44 20 3807 3798

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition	Syphilis Screen Reagent Wedge	Mixture
	Syphilis Screen Adjustor	Mixture
	Syphilis Screen Controls	Mixture

Classification according to UK CLP/GHS

Syphilis Screen Reagent Wedge

Skin Sens. 1, H317

Syphilis Screen Adjustor

Acute Tox. 4, H302

Acute Tox. 4, H312

Aquatic Chronic 3, H412

Syphilis Screen Controls

Acute Tox. 4, H302

Acute Tox. 4, H312

Aquatic Chronic 3, H412

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.

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

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

2.2 Label elements

SECTION 2: Hazards identification

Hazard pictograms

:



Signal word

: Syphilis Screen Reagent Wedge
Syphilis Screen Adjustor
Syphilis Screen Controls

Warning
Warning
Warning

Hazard statements

: Syphilis Screen Reagent Wedge

Syphilis Screen Adjustor

Syphilis Screen Controls

H317 - May cause an allergic skin reaction.
H302 + H312 - Harmful if swallowed or in contact with skin.
H412 - Harmful to aquatic life with long lasting effects.
H302 + H312 - Harmful if swallowed or in contact with skin.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention

: Syphilis Screen Reagent Wedge

Syphilis Screen Adjustor

Syphilis Screen Controls

P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P273 - Avoid release to the environment.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P273 - Avoid release to the environment.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 - Take off contaminated clothing and wash it before reuse.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

Response

: Syphilis Screen Reagent Wedge

Syphilis Screen Adjustor

Syphilis Screen Controls

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 - Take off contaminated clothing and wash it before reuse.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

Storage

: Syphilis Screen Reagent Wedge
Syphilis Screen Adjustor
Syphilis Screen Controls

Not applicable.
Not applicable.
Not applicable.

Disposal

: Syphilis Screen Reagent Wedge
Syphilis Screen Adjustor

Syphilis Screen Controls

Not applicable.
P501 - Dispose of contents and container in accordance with all local, regional, and national regulations.
P501 - Dispose of contents and container in accordance with all local, regional, and national regulations.

Supplemental label elements

: Syphilis Screen Reagent Wedge
Syphilis Screen Adjustor
Syphilis Screen Controls

Not applicable.
Not applicable.
Not applicable.

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

: Syphilis Screen Reagent Wedge
Syphilis Screen Adjustor
Syphilis Screen Controls

Not applicable.
Not applicable.
Not applicable.

SECTION 2: Hazards identification**2.3 Other hazards**

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII : Syphilis Screen Reagent Wedge
Syphilis Screen Adjustor

Syphilis Screen Controls

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other hazards which do not result in classification : Syphilis Screen Reagent Wedge
Syphilis Screen Adjustor
Syphilis Screen Controls

None known.

None known.

None known.

Additional information : Potentially biohazardous material.

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

SECTION 3: Composition/information on ingredients

3.1 Substances : Syphilis Screen Reagent Wedge Mixture
Syphilis Screen Adjustor Mixture
Syphilis Screen Controls Mixture

Product/ingredient name	Identifiers	%	Classification	Type
Syphilis Screen Reagent Wedge zinc chloride	EC: 231-592-0 CAS: 7646-85-7 Index: 030-003-00-2	<0.1	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)	[1] [2]
3(2H)-Isothiazolone, 2-methyl-	EC: 220-239-6 CAS: 2682-20-4	<0.1	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1) EUH071	[1]
Syphilis Screen Adjustor aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	≤5	Eye Irrit. 2, H319	[1]
sodium azide	EC: 247-852-1 CAS: 26628-22-8 Index: 011-004-00-7	<2	Acute Tox. 2, H300 Acute Tox. 1, H310 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) EUH032	[1] [2]
Syphilis Screen Controls aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	≤5	Eye Irrit. 2, H319	[1]
sodium azide	EC: 247-852-1 CAS: 26628-22-8	<2	Acute Tox. 2, H300 Acute Tox. 1, H310	[1] [2]

SECTION 3: Composition/information on ingredients

	Index: 011-004-00-7		Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) EUH032 See Section 16 for the full text of the H statements declared above.	
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Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

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

SECTION 4: First aid measures**4.1 Description of first aid measures****Eye contact** : Syphilis Screen Reagent Wedge

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.

Syphilis Screen Adjustor

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.

Syphilis Screen 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.

Inhalation : Syphilis Screen Reagent Wedge

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. 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. 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

Syphilis Screen Adjustor

SECTION 4: First aid measures

Syphilis Screen Controls

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. 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. 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. 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

: Syphilis Screen Reagent Wedge

Wash with plenty of soap and 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. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. Wash with plenty of soap and 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. Get medical attention if adverse health effects persist or are severe. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Syphilis Screen Adjustor

Wash with plenty of soap and 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. Get medical attention if adverse health effects persist or are severe. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Syphilis Screen Controls

SECTION 4: First aid measures

Ingestion : Syphilis Screen Reagent Wedge

Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. 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.

Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. 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.

Syphilis Screen Adjustor

Syphilis Screen Controls

Protection of first-aiders : Syphilis Screen Reagent Wedge

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. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

SECTION 4: First aid measures

Syphilis Screen Adjustor

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. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

Syphilis Screen Controls

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact : Syphilis Screen Reagent Wedge
Syphilis Screen Adjustor
Syphilis Screen Controls

No specific data.
No specific data.
No specific data.

Inhalation : Syphilis Screen Reagent Wedge
Syphilis Screen Adjustor
Syphilis Screen Controls

No specific data.
No specific data.
No specific data.

Skin contact : Syphilis Screen Reagent Wedge

Adverse symptoms may include the following:
irritation
redness

Syphilis Screen Adjustor
Syphilis Screen Controls

No specific data.
No specific data.

Ingestion : Syphilis Screen Reagent Wedge
Syphilis Screen Adjustor
Syphilis Screen Controls

No specific data.
No specific data.
No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : Syphilis Screen Reagent Wedge

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.

Syphilis Screen Adjustor

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

Syphilis Screen Controls

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

Specific treatments : Syphilis Screen Reagent Wedge
Syphilis Screen Adjustor
Syphilis Screen Controls

No specific treatment.
No specific treatment.
No specific treatment.

Syphilis Screen Reagent Wedge
Syphilis Screen Adjustor
Syphilis Screen Controls

Not available.
Not available.
Not available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Hazardous combustion products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
sulfur oxides
halogenated compounds
metal oxide/oxides

5.3 Advice for firefighters

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

- : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

6.3 Methods and material 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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

7.1 Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific solutions : Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Syphilis Screen Reagent Wedge zinc chloride	EH40/2005 WELs (United Kingdom (UK), 1/2020). STEL: 2 mg/m ³ 15 minutes. Form: Fume TWA: 1 mg/m ³ 8 hours. Form: Fume
Syphilis Screen Adjustor sodium azide	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin. STEL: 0.3 mg/m ³ , (as NaN ₃) 15 minutes. TWA: 0.1 mg/m ³ , (as NaN ₃) 8 hours.
Syphilis Screen Controls sodium azide	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin. STEL: 0.3 mg/m ³ , (as NaN ₃) 15 minutes. TWA: 0.1 mg/m ³ , (as NaN ₃) 8 hours.

SECTION 8: Exposure controls/personal protection

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 appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Type	Exposure	Value	Population	Effects
Syphilis Screen Reagent Wedge zinc chloride	DNEL	Long term Oral	0.83 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	1 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	8.3 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	8.3 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1.25 mg/m ³	General population	Systemic
	3(2H)-Isothiazolone, 2-methyl-	DNEL	Long term Inhalation	General population	Local
		DNEL	Long term Inhalation	Workers	Local
	DNEL	Long term Oral	0.021 mg/m ³	General population	Systemic
	DNEL	Short term Inhalation	0.027 mg/kg bw/day	General population	Local
	DNEL	Short term Inhalation	0.043 mg/m ³	Workers	Local
	DNEL	Short term Oral	0.043 mg/m ³	General population	Systemic
	DNEL	Short term Oral	0.053 mg/kg bw/day	General population	Systemic
Syphilis Screen Adjustor sodium azide	DNEL	Long term Oral	16.7 µg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	16.7 µg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	29 µg/m ³	General population	Systemic
	DNEL	Long term Dermal	46.7 µg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.164 mg/m ³	Workers	Systemic
Syphilis Screen Controls sodium azide	DNEL	Long term Oral	16.7 µg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	16.7 µg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	29 µg/m ³	General population	Systemic
	DNEL	Long term Dermal	46.7 µg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.164 mg/m ³	Workers	Systemic

PNECs

No PNECs available

8.2 Exposure controls

SECTION 8: Exposure controls/personal protection

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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

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

Skin protection

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

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

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

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

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance

Physical state	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Liquid. Solid. Solid.
Colour	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Colourless to light yellow. Colourless to light yellow. Not available.
Odour	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Odourless. Odourless. Not available.
Odour threshold	: Not relevant/applicable due to nature of the product.	
Melting point/freezing point	: Not relevant/applicable due to nature of the product.	
Softening point	: Not relevant/applicable due to nature of the product.	
Sublimation temperature	: Not relevant/applicable due to nature of the product.	

SECTION 9: Physical and chemical properties

Initial boiling point and boiling range	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
Flammability (solid, gas)	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product.
Upper/lower flammability or explosive limits	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not applicable. Not applicable.
Flash point	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	[Product does not sustain combustion.] [Product does not sustain combustion.] [Product does not sustain combustion.]
Auto-ignition temperature	:	

Ingredient name	°C	°F	Method
Syphilis Screen Reagent Wedge magnesium di(acetate)	310	590	EU A.16

Decomposition temperature	:	Not relevant/applicable due to nature of the product.	
pH	:	Syphilis Screen Reagent Wedge	7.95 to 8.05
		Syphilis Screen Adjustor	Not applicable. [Conc. (% w/w): 5%]
		Syphilis Screen Controls	Not applicable.
Viscosity	:	Syphilis Screen Reagent Wedge	Not available.
		Syphilis Screen Adjustor	Not applicable.
		Syphilis Screen Controls	Not applicable.
Solubility(ies)	:		
Not available.			
Solubility in water	:	Not relevant/applicable due to nature of the product.	
Miscible with water	:	Not relevant/applicable due to nature of the product.	
Partition coefficient: n-octanol/ water	:	Not relevant/applicable due to nature of the product.	

Vapour pressure :

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
Syphilis Screen Reagent Wedge magnesium di(acetate)	0	0				

Evaporation rate	:	Not relevant/applicable due to nature of the product.
Relative density	:	Syphilis Screen Reagent Wedge 1 Syphilis Screen Adjustor Not available. Syphilis Screen Controls Not available.
Density	:	Syphilis Screen Reagent Wedge Not available. Syphilis Screen Adjustor Not available. Syphilis Screen Controls Not available.
Vapour density	:	Syphilis Screen Reagent Wedge Not available. Syphilis Screen Adjustor Not applicable. Syphilis Screen Controls Not applicable.
Explosive properties	:	Syphilis Screen Reagent Wedge Not available. Syphilis Screen Adjustor Not available. Syphilis Screen Controls Not available.
Oxidising properties	:	Syphilis Screen Reagent Wedge Not available. Syphilis Screen Adjustor Not available. Syphilis Screen Controls Not available.

Particle characteristics

SECTION 9: Physical and chemical properties

Median particle size : Not applicable.

9.2 Other information

Fire point : Syphilis Screen Reagent Wedge Not available.
 Syphilis Screen Adjustor Not available.
 Syphilis Screen Controls Not available.

Burning time : Not relevant/applicable due to nature of the product.

Fundamental burning velocity : Not relevant/applicable due to nature of the product.

Burning rate : Not relevant/applicable due to nature of the product.

SADT : Not relevant/applicable due to nature of the product.

SAPT : Not relevant/applicable due to nature of the product.

Heat of reaction : Not relevant/applicable due to nature of the product.

Heat of combustion : Not relevant/applicable due to nature of the product.

Flow time (ISO 2431) : Not relevant/applicable due to nature of the product.

Molecular weight : Not relevant/applicable due to nature of the product.

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
Syphilis Screen Reagent Wedge zinc chloride	LD50 Oral	Rat	350 mg/kg	-
Syphilis Screen Adjustor sodium azide	LD50 Dermal	Rabbit	20 mg/kg	-
	LD50 Dermal	Rat	50 mg/kg	-
	LD50 Oral	Rat	27 mg/kg	-
Syphilis Screen Controls sodium azide	LD50 Dermal	Rabbit	20 mg/kg	-
	LD50 Dermal	Rat	50 mg/kg	-
	LD50 Oral	Rat	27 mg/kg	-

Conclusion/Summary : Syphilis Screen Reagent Wedge Not available.
 Syphilis Screen Adjustor Not available.
 Syphilis Screen Controls Not available.

Acute toxicity estimates

SECTION 11: Toxicological information

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Syphilis Screen Reagent Wedge zinc chloride 3(2H)-Isothiazolone, 2-methyl-	350 100	N/A 300	N/A N/A	N/A 0.5	N/A N/A
Syphilis Screen Adjustor Syphilis Screen Adjustor sodium azide	1901.4 27	1408.5 20	N/A N/A	N/A N/A	N/A N/A
Syphilis Screen Controls Syphilis Screen Controls sodium azide	1901.4 27	1408.5 20	N/A N/A	N/A N/A	N/A N/A

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Syphilis Screen Reagent Wedge zinc chloride	Skin - Severe irritant	Rabbit	-	120 hours 1 %	-
Syphilis Screen Adjustor aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
Syphilis Screen Controls aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-

Conclusion/Summary

Skin	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
Eyes	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
Respiratory	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.

Sensitisation**Conclusion/Summary**

Skin	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
Respiratory	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.

Mutagenicity

Conclusion/Summary	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
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Carcinogenicity

Conclusion/Summary	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
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Reproductive toxicity

SECTION 11: Toxicological information

Conclusion/Summary : Syphilis Screen Reagent Wedge Not available.
 Syphilis Screen Adjustor Not available.
 Syphilis Screen Controls Not available.

Teratogenicity

Conclusion/Summary : Syphilis Screen Reagent Wedge Not available.
 Syphilis Screen Adjustor Not available.
 Syphilis Screen Controls Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Syphilis Screen Reagent Wedge zinc chloride	Category 3	-	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure : Syphilis Screen Reagent Wedge Not available.
 Syphilis Screen Adjustor Not available.
 Syphilis Screen Controls Not available.

Potential acute health effects

Eye contact : Syphilis Screen Reagent Wedge No known significant effects or critical hazards.
 Syphilis Screen Adjustor No known significant effects or critical hazards.
 Syphilis Screen Controls No known significant effects or critical hazards.

Inhalation : Syphilis Screen Reagent Wedge No known significant effects or critical hazards.
 Syphilis Screen Adjustor No known significant effects or critical hazards.
 Syphilis Screen Controls No known significant effects or critical hazards.

Skin contact : Syphilis Screen Reagent Wedge May cause an allergic skin reaction.
 Syphilis Screen Adjustor Harmful in contact with skin.
 Syphilis Screen Controls Harmful in contact with skin.

Ingestion : Syphilis Screen Reagent Wedge No known significant effects or critical hazards.
 Syphilis Screen Adjustor Harmful if swallowed.
 Syphilis Screen Controls Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Syphilis Screen Reagent Wedge No specific data.
 Syphilis Screen Adjustor No specific data.
 Syphilis Screen Controls No specific data.

Inhalation : Syphilis Screen Reagent Wedge No specific data.
 Syphilis Screen Adjustor No specific data.
 Syphilis Screen Controls No specific data.

Skin contact : Syphilis Screen Reagent Wedge Adverse symptoms may include the following:
 irritation
 redness
 Syphilis Screen Adjustor No specific data.
 Syphilis Screen Controls No specific data.

SECTION 11: Toxicological information

Ingestion	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	No specific data. No specific data. No specific data.
<u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u>		
<u>Short term exposure</u>		
Potential immediate effects	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
Potential delayed effects	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
<u>Long term exposure</u>		
Potential immediate effects	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
Potential delayed effects	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
<u>Potential chronic health effects</u>		
Not available.		
Conclusion/Summary	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
General	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. No known significant effects or critical hazards. No known significant effects or critical hazards.
Carcinogenicity	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Mutagenicity	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Reproductive toxicity	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Interactive effects	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
<u>Toxicokinetics</u>		
Absorption	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.

SECTION 11: Toxicological information

Distribution	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
Metabolism	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
Elimination	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.
Other information	: Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not available. Not available. Not available.

SECTION 12: Ecological information**12.1 Toxicity**

Product/ingredient name	Result	Species	Exposure
Syphilis Screen Reagent Wedge zinc chloride	Acute EC50 34 µg/l Fresh water	Algae - Green algae - Chlorella vulgaris - Exponential growth phase	72 hours
	Acute EC50 26 µg/l Marine water	Algae - Diatom - Navicula incerta	96 hours
	Acute EC50 1.8 mg/l Fresh water	Aquatic plants - Lesser Duckweed - Lemna aequinoctialis	96 hours
	Acute EC50 100 µg/l Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
	Acute LC50 49.99 µg/l Fresh water	Crustaceans - Water flea - Moina irritans - Neonate	48 hours
	Acute LC50 0.027 mg/l Marine water	Fish - Sand Flounder - Limanda punctatissima - Pre-larvae	96 hours
	Chronic NOEC 20 µg/l Marine water	Algae - Green algae - Chlorella sp. - Exponential growth phase	72 hours
	Chronic NOEC 1000 µg/l Fresh water	Crustaceans - Red swamp crayfish - Procambarus clarkii - Intermolt	21 days
	Chronic NOEC 80 µg/l Fresh water	Daphnia - Water flea - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling)	21 days
	Chronic NOEC 31.5 µg/l Fresh water	Fish - Rainbow trout, donaldson trout - Oncorhynchus mykiss	30 days
3(2H)-Isothiazolone, 2-methyl-	Acute EC50 0.18 ppm Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
	Acute LC50 0.07 ppm Fresh water	Fish - Rainbow trout, donaldson trout - Oncorhynchus mykiss	96 hours
Syphilis Screen Adjustor sodium azide	Acute EC50 9200 µg/l Marine water	Algae - Giant kelp - Macrocystis pyrifera	96 hours
	Acute EC50 6.4 mg/l Fresh water	Crustaceans - Water flea - Simocephalus serrulatus - Larvae	48 hours
	Acute EC50 4.2 mg/l Fresh water	Daphnia - Water flea - Daphnia pulex - Larvae	48 hours
	Acute LC50 0.68 mg/l Fresh water	Fish - Bluegill - Lepomis macrochirus	96 hours
	Chronic NOEC 5600 µg/l Marine water	Algae - Giant kelp - Macrocystis pyrifera	96 hours

SECTION 12: Ecological information

Syphilis Screen Controls sodium azide	Acute EC50 9200 µg/l Marine water	Algae - Giant kelp - Macrocystis pyrifera	96 hours
	Acute EC50 6.4 mg/l Fresh water	Crustaceans - Water flea - Simocephalus serrulatus - Larvae	48 hours
	Acute EC50 4.2 mg/l Fresh water	Daphnia - Water flea - Daphnia pulex - Larvae	48 hours
	Acute LC50 0.68 mg/l Fresh water	Fish - Bluegill - Lepomis macrochirus	96 hours
	Chronic NOEC 5600 µg/l Marine water	Algae - Giant kelp - Macrocystis pyrifera	96 hours

Conclusion/Summary : Syphilis Screen Reagent Wedge Not available.
 Syphilis Screen Adjustor Not available.
 Syphilis Screen Controls Not available.

12.2 Persistence and degradability

Conclusion/Summary : Syphilis Screen Reagent Wedge Not available.
 Syphilis Screen Adjustor Not available.
 Syphilis Screen Controls Not available.

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Syphilis Screen Reagent Wedge zinc chloride	-	60960	high
Syphilis Screen Adjustor aminocaproic acid	-2.95	-	low
Syphilis Screen Controls aminocaproic acid	-2.95	-	low

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Syphilis Screen Reagent Wedge Not available.
 Syphilis Screen Adjustor Not available.
 Syphilis Screen Controls Not available.

Mobility : Syphilis Screen Reagent Wedge Not available.
 Syphilis Screen Adjustor Not available.
 Syphilis Screen Controls Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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

SECTION 13: Disposal considerations**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.

SECTION 13: Disposal considerations

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 spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information**ADR/RID**

14.1 UN number	Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not regulated. Not regulated. Not regulated.
14.2 UN proper shipping name	Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	- - -
14.3 Transport hazard class(es)	Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	- - -
14.4 Packing group	Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	- - -
14.5 Environmental hazards	Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	No. No. No.
Additional information	Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	- - -

ADN

14.1 UN number	Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	Not regulated. Not regulated. Not regulated.
14.2 UN proper shipping name	Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	- - -
14.3 Transport hazard class(es)	Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	- - -
14.4 Packing group	Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	- - -
14.5 Environmental hazards	Syphilis Screen Reagent Wedge Syphilis Screen Adjustor Syphilis Screen Controls	No. No. No.

SECTION 14: Transport information

Additional information	Syphilis Screen Reagent Wedge	-
	Syphilis Screen Adjustor	-
	Syphilis Screen Controls	-

IMDG

14.1 UN number	Syphilis Screen Reagent Wedge	Not regulated.
	Syphilis Screen Adjustor	Not regulated.
	Syphilis Screen Controls	Not regulated.
14.2 UN proper shipping name	Syphilis Screen Reagent Wedge	-
	Syphilis Screen Adjustor	-
	Syphilis Screen Controls	-
14.3 Transport hazard class(es)	Syphilis Screen Reagent Wedge	-
	Syphilis Screen Adjustor	-
	Syphilis Screen Controls	-

14.4 Packing group	Syphilis Screen Reagent Wedge	-
	Syphilis Screen Adjustor	-
	Syphilis Screen Controls	-

14.5 Environmental hazards	Syphilis Screen Reagent Wedge	No.
	Syphilis Screen Adjustor	No.
	Syphilis Screen Controls	No.

Additional information	Syphilis Screen Reagent Wedge	-
	Syphilis Screen Adjustor	-
	Syphilis Screen Controls	-

IATA

14.1 UN number	Syphilis Screen Reagent Wedge	Not regulated.
	Syphilis Screen Adjustor	Not regulated.
	Syphilis Screen Controls	Not regulated.

14.2 UN proper shipping name	Syphilis Screen Reagent Wedge	-
	Syphilis Screen Adjustor	-
	Syphilis Screen Controls	-

14.3 Transport hazard class(es)	Syphilis Screen Reagent Wedge	-
	Syphilis Screen Adjustor	-
	Syphilis Screen Controls	-

14.4 Packing group	Syphilis Screen Reagent Wedge	-
	Syphilis Screen Adjustor	-
	Syphilis Screen Controls	-

14.5 Environmental hazards	Syphilis Screen Reagent Wedge	No.
	Syphilis Screen Adjustor	No.
	Syphilis Screen Controls	No.

Additional information	Syphilis Screen Reagent Wedge	-
	Syphilis Screen Adjustor	-
	Syphilis Screen Controls	-

14.6 Special precautions for user : Syphilis Screen Reagent Wedge

Syphilis Screen Adjustor

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

Transport within user's premises:

SECTION 14: Transport information

Syphilis Screen Controls

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 IMO instruments

Not applicable.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****UK (GB) /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.

Ozone depleting substances

Not listed.

Prior Informed Consent (PIC)

Not listed.

Persistent Organic Pollutants

Not listed.

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

: Syphilis Screen Reagent Wedge	Not applicable.
Syphilis Screen Adjustor	Not applicable.
Syphilis Screen Controls	Not applicable.

Seveso Directive

This product is not controlled under the Seveso Directive.

EU regulations

Industrial emissions (integrated pollution prevention and control) - Air

: Syphilis Screen Reagent Wedge	Not listed
Syphilis Screen Adjustor	Not listed
Syphilis Screen Controls	Not listed

Industrial emissions (integrated pollution prevention and control) - Water

: Syphilis Screen Reagent Wedge	Not listed
Syphilis Screen Adjustor	Not listed
Syphilis Screen Controls	Not listed

International regulations**Montreal Protocol**

Not listed.

Stockholm Convention on Persistent Organic Pollutants

SECTION 15: Regulatory information

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

15.2 Chemical safety assessment : Not applicable.**SECTION 16: Other information**

 Indicates information that has changed from previously issued version.

Abbreviations and acronyms :

- ATE = Acute Toxicity Estimate
- GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EUH statement = GB CLP-specific Hazard statement
- N/A = Not available
- PBT = Persistent, Bioaccumulative and Toxic
- PNEC = Predicted No Effect Concentration
- RRN = REACH Registration Number
- SGG = Segregation Group
- vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification

Classification	Justification
Syphilis Screen Reagent Wedge Skin Sens. 1, H317	Calculation method
Syphilis Screen Adjustor Acute Tox. 4, H302 Acute Tox. 4, H312 Aquatic Chronic 3, H412	Calculation method Calculation method Calculation method
Syphilis Screen Controls Acute Tox. 4, H302 Acute Tox. 4, H312 Aquatic Chronic 3, H412	Calculation method Calculation method Calculation method

Full text of abbreviated H statements

Syphilis Screen Reagent Wedge	
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

SECTION 16: Other information**Syphilis****Screen****Adjustor**

H300	Fatal if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H312	Harmful 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.
EUH032	Contact with acids liberates very toxic gas.

Syphilis**Screen****Controls**

H300	Fatal if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H312	Harmful 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.
EUH032	Contact with acids liberates very toxic gas.

Full text of classifications**Syphilis Screen****Reagent Wedge**

Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 3	ACUTE TOXICITY - Category 3
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

Syphilis Screen**Adjustor**

Acute Tox. 1	ACUTE TOXICITY - Category 1
Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

Syphilis Screen**Controls**

Acute Tox. 1	ACUTE TOXICITY - Category 1
Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

Date of printing : 12/13/2022**Date of issue/ Date of revision** : 12/13/2022

IMMULITE 2000 Syphilis Screen

SECTION 16: Other information

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.