

# SAFETY DATA SHEET

IMMULITE® 2000 HCG

**SIEMENS**  
**Healthineers** 

SDS no.:

L2KCG2\_6

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

### 1.1 Product identifier

**Product name** : IMMULITE® 2000 HCG  
**Product code** : L2KCG2/6, 10381194, 10381206

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

**Identified uses** HCG Reagent Wedge Diagnostic agents.  
HCG Adjustors 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** : HCG Reagent Wedge Mixture  
HCG Adjustors Mixture

#### Classification according to UK CLP/GHS

##### **HCG Adjustors**

Aquatic Chronic 3, H412

The product is not 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

**Signal word** : HCG Reagent Wedge No signal word.  
HCG Adjustors No signal word.

**Hazard statements** : HCG Reagent Wedge No known significant effects or critical hazards.  
HCG Adjustors H412 - Harmful to aquatic life with long lasting effects.

#### Precautionary statements

**Prevention** : HCG Reagent Wedge Not applicable.  
HCG Adjustors P273 - Avoid release to the environment.

**Response** : HCG Reagent Wedge Not applicable.  
HCG Adjustors Not applicable.

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**SECTION 2: Hazards identification**

<b>Storage</b>	: HCG Reagent Wedge HCG Adjustors	Not applicable. Not applicable.
<b>Disposal</b>	: HCG Reagent Wedge HCG Adjustors	Not applicable. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>Supplemental label elements</b>	: HCG Reagent Wedge HCG Adjustors	Safety data sheet available on request. Not applicable.
<b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b>	: HCG Reagent Wedge HCG Adjustors	Not applicable. Not applicable.

**2.3 Other hazards**

<b>Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII</b>	: HCG Reagent Wedge HCG Adjustors	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.
<b>Other hazards which do not result in classification</b>	: HCG Reagent Wedge HCG Adjustors	None known. None known.
<b>Additional information</b>	: Not available.	
Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.		

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

<b>3.1 Substances</b>	: HCG Reagent Wedge HCG Adjustors	Mixture Mixture
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Product/ingredient name	Identifiers	%	Classification	Type
<b>HCG Reagent Wedge</b> aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	≤3	Eye Irrit. 2, H319	[1]
<b>HCG Adjustors</b> sodium azide	EC: 247-852-1 CAS: 26628-22-8 Index: 011-004-00-7	<1	Acute Tox. 2, H300 Acute Tox. 1, H310 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) EUH032 <b>See Section 16 for the full text of the H statements declared above.</b>	[1] [2]

Type

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

**SECTION 4: First aid measures****4.1 Description of first aid measures**

<b>Eye contact</b>	: HCG Reagent Wedge	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.
	HCG Adjustors	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.
<b>Inhalation</b>	: HCG Reagent Wedge	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.
	HCG Adjustors	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>Skin contact</b>	: HCG Reagent Wedge	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	HCG Adjustors	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>Ingestion</b>	: HCG Reagent Wedge	Wash out mouth with water. 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.
	HCG Adjustors	Wash out mouth with water. 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.
<b>Protection of first-aiders</b>	: HCG Reagent Wedge	No action shall be taken involving any personal risk or without suitable training.
	HCG Adjustors	No action shall be taken involving any personal risk or without suitable training.

**4.2 Most important symptoms and effects, both acute and delayed****Over-exposure signs/symptoms**

<b>Eye contact</b>	: HCG Reagent Wedge	No specific data.
	HCG Adjustors	No specific data.
<b>Inhalation</b>	: HCG Reagent Wedge	No specific data.
	HCG Adjustors	No specific data.
<b>Skin contact</b>	: HCG Reagent Wedge	No specific data.
	HCG Adjustors	No specific data.
<b>Ingestion</b>	: HCG Reagent Wedge	No specific data.
	HCG Adjustors	No specific data.

**SECTION 4: First aid measures****4.3 Indication of any immediate medical attention and special treatment needed**

<b>Notes to physician</b>	: HCG 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.
	HCG Adjustors	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatments</b>	: HCG Reagent Wedge	No specific treatment.
	HCG Adjustors	No specific treatment.
	HCG Reagent Wedge	Not available.
	HCG Adjustors	Not available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

<b>Suitable extinguishing media</b>	: Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	: None known.

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

<b>Hazards from the substance or mixture</b>	: In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous combustion products</b>	: 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**

<b>Special protective actions for fire-fighters</b>	: 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.
<b>Special protective equipment for fire-fighters</b>	: 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**

<b>For non-emergency personnel</b>	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
<b>For emergency responders</b>	: 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).
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**6.3 Methods and material for containment and cleaning up**

## SECTION 6: Accidental release measures

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.
- 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).
- 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
HCG Adjustors sodium azide	<b>EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin.</b> STEL: 0.3 mg/m <sup>3</sup> , (as NaN <sub>3</sub> ) 15 minutes. TWA: 0.1 mg/m <sup>3</sup> , (as NaN <sub>3</sub> ) 8 hours.

- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### DNELs/DMELs

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

Product/ingredient name	Type	Exposure	Value	Population	Effects
<b>HCG Adjustors</b> 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 <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	46.7 µg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.164 mg/m <sup>3</sup>	Workers	Systemic

**PNECs**

No PNECs available

**8.2 Exposure controls**

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

**Individual protection measures**

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

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

**Skin protection**

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**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** : HCG Reagent Wedge Liquid.  
HCG Adjustors Solid.

**Colour** : HCG Reagent Wedge Colourless.  
HCG Adjustors Off-white.

**SECTION 9: Physical and chemical properties**

<b>Odour</b>	: HCG Reagent Wedge HCG Adjustors	Odourless. Odourless.
<b>Odour threshold</b>	: Not relevant/applicable due to nature of the product.	
<b>Melting point/freezing point</b>	: Not relevant/applicable due to nature of the product.	
<b>Softening point</b>	: Not relevant/applicable due to nature of the product.	
<b>Sublimation temperature</b>	: Not relevant/applicable due to nature of the product.	
<b>Initial boiling point and boiling range</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
<b>Flammability (solid, gas)</b>	: HCG Reagent Wedge HCG Adjustors	Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product.
<b>Upper/lower flammability or explosive limits</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not applicable.
<b>Flash point</b>	: HCG Reagent Wedge HCG Adjustors	[Product does not sustain combustion.] [Product does not sustain combustion.]
<b>Auto-ignition temperature</b>	:	

Ingredient name	°C	°F	Method
HCG Reagent Wedge sodium azide	309	588.2	EU A.16

<b>Decomposition temperature</b>	: Not relevant/applicable due to nature of the product.	
<b>pH</b>	: HCG Reagent Wedge HCG Adjustors	7.95 to 8.05 Not applicable.
<b>Viscosity</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not applicable.
<b>Solubility(ies)</b>	:	
Not available.		

<b>Solubility in water</b>	: Not relevant/applicable due to nature of the product.	
<b>Miscible with water</b>	: Not relevant/applicable due to nature of the product.	
<b>Partition coefficient: n-octanol/ water</b>	: Not relevant/applicable due to nature of the product.	
<b>Vapour pressure</b>	:	

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
HCG Reagent Wedge water	23.8	3.2				

<b>Evaporation rate</b>	: Not relevant/applicable due to nature of the product.	
<b>Relative density</b>	: HCG Reagent Wedge HCG Adjustors	1 Not available.
<b>Density</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
<b>Vapour density</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not applicable.
<b>Explosive properties</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
<b>Oxidising properties</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.

**Particle characteristics**

<b>Median particle size</b>	: Not applicable.
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**9.2 Other information**

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**SECTION 9: Physical and chemical properties**

<b>Fire point</b>	: HCG Reagent Wedge	Not available.
	HCG Adjustors	Not available.
<b>Burning time</b>	: Not relevant/applicable due to nature of the product.	
<b>Fundamental burning velocity</b>	: Not relevant/applicable due to nature of the product.	
<b>Burning rate</b>	: Not relevant/applicable due to nature of the product.	
<b>SADT</b>	: Not relevant/applicable due to nature of the product.	
<b>SAPT</b>	: Not relevant/applicable due to nature of the product.	
<b>Heat of reaction</b>	: Not relevant/applicable due to nature of the product.	
<b>Heat of combustion</b>	: Not relevant/applicable due to nature of the product.	
<b>Flow time (ISO 2431)</b>	: Not relevant/applicable due to nature of the product.	
<b>Molecular weight</b>	: Not relevant/applicable due to nature of the product.	

**SECTION 10: Stability and reactivity**

<b>10.1 Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>10.2 Chemical stability</b>	: The product is stable.
<b>10.3 Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>10.4 Conditions to avoid</b>	: No specific data.
<b>10.5 Incompatible materials</b>	: No specific data.
<b>10.6 Hazardous decomposition products</b>	: 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
<b>HCG Adjustors</b> sodium azide	LD50 Dermal	Rabbit	20 mg/kg	-
	LD50 Dermal	Rat	50 mg/kg	-
	LD50 Oral	Rat	27 mg/kg	-

<b>Conclusion/Summary</b>	: HCG Reagent Wedge	Not available.
	HCG Adjustors	Not available.

**Acute toxicity estimates**

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
<b>HCG Adjustors</b> HCG Adjustors sodium azide	8181.8 27	6060.6 20	N/A N/A	N/A N/A	N/A N/A

**Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
<b>HCG Reagent Wedge</b> aminocaproic acid	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-

**Conclusion/Summary**



**SECTION 11: Toxicological information**

<b>Skin</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
<b>Eyes</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
<b>Respiratory</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.

**Sensitisation****Conclusion/Summary**

<b>Skin</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
<b>Respiratory</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.

**Mutagenicity****Conclusion/Summary**

: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
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**Carcinogenicity****Conclusion/Summary**

: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
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**Reproductive toxicity****Conclusion/Summary**

: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
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**Teratogenicity****Conclusion/Summary**

: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
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**Specific target organ toxicity (single exposure)**

Not available.

**Specific target organ toxicity (repeated exposure)**

Not available.

**Aspiration hazard**

Not available.

<b>Information on likely routes of exposure</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
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**Potential acute health effects**

<b>Eye contact</b>	: HCG Reagent Wedge HCG Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Inhalation</b>	: HCG Reagent Wedge HCG Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Skin contact</b>	: HCG Reagent Wedge HCG Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Ingestion</b>	: HCG Reagent Wedge HCG Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.

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

**SECTION 11: Toxicological information**

<b>Eye contact</b>	: HCG Reagent Wedge HCG Adjustors	No specific data. No specific data.
<b>Inhalation</b>	: HCG Reagent Wedge HCG Adjustors	No specific data. No specific data.
<b>Skin contact</b>	: HCG Reagent Wedge HCG Adjustors	No specific data. No specific data.
<b>Ingestion</b>	: HCG Reagent Wedge HCG Adjustors	No specific data. No specific data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Short term exposure**

<b>Potential immediate effects</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
<b>Potential delayed effects</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.

**Long term exposure**

<b>Potential immediate effects</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
<b>Potential delayed effects</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.

**Potential chronic health effects**

Not available.

<b>Conclusion/Summary</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
<b>General</b>	: HCG Reagent Wedge  HCG Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: HCG Reagent Wedge  HCG Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Mutagenicity</b>	: HCG Reagent Wedge  HCG Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Reproductive toxicity</b>	: HCG Reagent Wedge  HCG Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Interactive effects</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.

**Toxicokinetics**

<b>Absorption</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
<b>Distribution</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
<b>Metabolism</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
<b>Elimination</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.
<b>Other information</b>	: HCG Reagent Wedge HCG Adjustors	Not available. Not available.

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

Product/ingredient name	Result	Species	Exposure
<b>HCG Adjustors</b> 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** : HCG Reagent Wedge HCG Adjustors Not available.  
Not available.

**12.2 Persistence and degradability**

**Conclusion/Summary** : HCG Reagent Wedge HCG Adjustors Not available.  
Not available.

**12.3 Bioaccumulative potential**

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
<b>HCG Reagent Wedge</b> aminocaproic acid	-2.95	-	low

**12.4 Mobility in soil**

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

**Mobility** : HCG Reagent Wedge HCG Adjustors Not available.  
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.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.  
Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

**Packaging**

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**SECTION 13: Disposal considerations**

<b>Methods of disposal</b>	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
<b>Special precautions</b>	: This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

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

<b>14.1 UN number</b>	HCG Reagent Wedge HCG Adjustors	Not regulated. Not regulated.
<b>14.2 UN proper shipping name</b>	HCG Reagent Wedge HCG Adjustors	- -
<b>14.3 Transport hazard class(es)</b>	HCG Reagent Wedge HCG Adjustors	- -
<b>14.4 Packing group</b>	HCG Reagent Wedge HCG Adjustors	- -
<b>14.5 Environmental hazards</b>	HCG Reagent Wedge HCG Adjustors	No. No.
<b>Additional information</b>	HCG Reagent Wedge HCG Adjustors	- -

**ADN**

<b>14.1 UN number</b>	HCG Reagent Wedge HCG Adjustors	Not regulated. Not regulated.
<b>14.2 UN proper shipping name</b>	HCG Reagent Wedge HCG Adjustors	- -
<b>14.3 Transport hazard class(es)</b>	HCG Reagent Wedge HCG Adjustors	- -
<b>14.4 Packing group</b>	HCG Reagent Wedge HCG Adjustors	- -
<b>14.5 Environmental hazards</b>	HCG Reagent Wedge HCG Adjustors	No. No.
<b>Additional information</b>	HCG Reagent Wedge HCG Adjustors	- -

**IMDG**

<b>14.1 UN number</b>	HCG Reagent Wedge HCG Adjustors	Not regulated. Not regulated.
<b>14.2 UN proper shipping name</b>	HCG Reagent Wedge HCG Adjustors	- -
<b>14.3 Transport hazard class(es)</b>	HCG Reagent Wedge HCG Adjustors	- -

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**SECTION 14: Transport information**

<b>14.4 Packing group</b>	HCG Reagent Wedge	-
	HCG Adjustors	-
<b>14.5 Environmental hazards</b>	HCG Reagent Wedge	No.
	HCG Adjustors	No.
<b>Additional information</b>	HCG Reagent Wedge	-
	HCG Adjustors	-

**IATA**

<b>14.1 UN number</b>	HCG Reagent Wedge	Not regulated.
	HCG Adjustors	Not regulated.
<b>14.2 UN proper shipping name</b>	HCG Reagent Wedge	-
	HCG Adjustors	-
<b>14.3 Transport hazard class(es)</b>	HCG Reagent Wedge	-
	HCG Adjustors	-

<b>14.4 Packing group</b>	HCG Reagent Wedge	-
	HCG Adjustors	-
<b>14.5 Environmental hazards</b>	HCG Reagent Wedge	No.
	HCG Adjustors	No.
<b>Additional information</b>	HCG Reagent Wedge	-
	HCG Adjustors	-

**14.6 Special precautions for user** : HCG Reagent Wedge

HCG Adjustors

**Transport within user's premises:**

always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport within user's premises:**

always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**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.

## SECTION 15: Regulatory information

### Prior Informed Consent (PIC)

Not listed.

### Persistent Organic Pollutants

Not listed.

<b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b>	: HCG Reagent Wedge HCG Adjustors	Not applicable. Not applicable.
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### Seveso Directive

This product is not controlled under the Seveso Directive.

### EU regulations

<b>Industrial emissions (integrated pollution prevention and control) - Air</b>	: HCG Reagent Wedge HCG Adjustors	Not listed Not listed
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<b>Industrial emissions (integrated pollution prevention and control) - Water</b>	: HCG Reagent Wedge HCG Adjustors	Not listed Not listed
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### International regulations

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

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.

<b>Abbreviations and acronyms</b>	: 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
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### Procedure used to derive the classification

IMMULITE® 2000 HCG

## SECTION 16: Other information

Classification	Justification
<b>HCG Adjustors</b> Aquatic Chronic 3, H412	Calculation method

### Full text of abbreviated H statements

<b>HCG Reagent Wedge</b> H319	Causes serious eye irritation.
<b>HCG Adjustors</b> H300	Fatal if swallowed.
H310	Fatal in contact with skin.
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

<b>HCG Reagent Wedge</b> Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
<b>HCG Adjustors</b> Acute Tox. 1	ACUTE TOXICITY - Category 1
Acute Tox. 2	ACUTE TOXICITY - Category 2
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

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### Notice to reader

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