

SAFETY DATA SHEET

IMMULITE® 2000 LH

SIEMENS
Healthineers 

SDS no.:

L2KLH2_6

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

1.1 Product identifier

Product name : IMMULITE® 2000 LH
Product code : L2KLH2/6, 10381211, 10381212, 10901863, 10901864

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

Identified uses LH Reagent Wedge Diagnostic agents.
 LH 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 : LH Reagent Wedge Mixture
 LH Adjustors Mixture

Classification according to UK CLP/GHS

LH 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 : LH Reagent Wedge No signal word.
 LH Adjustors No signal word.

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

Precautionary statements

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

Response : LH Reagent Wedge Not applicable.
 LH Adjustors Not applicable.

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SECTION 2: Hazards identification

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

2.3 Other hazards

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

SECTION 3: Composition/information on ingredients

3.1 Substances	: LH Reagent Wedge LH Adjustors	Mixture Mixture
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Product/ingredient name	Identifiers	%	Classification	Type
LH Reagent Wedge aminocaproic acid	EC: 200-469-3 CAS: 60-32-2	≤3	Eye Irrit. 2, H319	[1]
LH Adjustors 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 See Section 16 for the full text of the H statements declared above.	[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**

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

Eye contact	: LH Reagent Wedge	No specific data.
	LH Adjustors	No specific data.
Inhalation	: LH Reagent Wedge	No specific data.
	LH Adjustors	No specific data.
Skin contact	: LH Reagent Wedge	No specific data.
	LH Adjustors	No specific data.
Ingestion	: LH Reagent Wedge	No specific data.
	LH Adjustors	No specific data.

SECTION 4: First aid measures

4.3 Indication of any immediate medical attention and special treatment needed

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

- 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
LH Adjustors 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

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	: LH Reagent Wedge LH Adjustors	Liquid. Solid.
Colour	: LH Reagent Wedge LH Adjustors	Colourless. Off-white.

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SECTION 9: Physical and chemical properties

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

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

Decomposition temperature	: Not relevant/applicable due to nature of the product.	
pH	: LH Reagent Wedge LH Adjustors	7.95 to 8.05 Not applicable.
Viscosity	: LH Reagent Wedge LH Adjustors	Not available. 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
LH Reagent Wedge sodium azide	0.0075	0.001				

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

Particle characteristics

Median particle size	: Not applicable.
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9.2 Other information

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SECTION 9: Physical and chemical properties

Fire point	: LH Reagent Wedge	Not available.
	LH Adjustors	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
LH Adjustors sodium azide	LD50 Dermal	Rabbit	20 mg/kg	-
	LD50 Dermal	Rat	50 mg/kg	-
	LD50 Oral	Rat	27 mg/kg	-

Conclusion/Summary	: LH Reagent Wedge	Not available.
	LH 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)
LH Adjustors LH Adjustors sodium azide	8308.3 27	6154.3 20	N/A N/A	N/A N/A	N/A N/A

Irritation/Corrosion

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

Conclusion/Summary

SECTION 11: Toxicological information

Skin	: LH Reagent Wedge LH Adjustors	Not available. Not available.
Eyes	: LH Reagent Wedge LH Adjustors	Not available. Not available.
Respiratory	: LH Reagent Wedge LH Adjustors	Not available. Not available.

Sensitisation**Conclusion/Summary**

Skin	: LH Reagent Wedge LH Adjustors	Not available. Not available.
Respiratory	: LH Reagent Wedge LH Adjustors	Not available. Not available.

Mutagenicity**Conclusion/Summary**

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

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

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

: LH Reagent Wedge LH 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.

Information on likely routes of exposure	: LH Reagent Wedge LH Adjustors	Not available. Not available.
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Potential acute health effects

Eye contact	: LH Reagent Wedge LH Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
Inhalation	: LH Reagent Wedge LH Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
Skin contact	: LH Reagent Wedge LH Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
Ingestion	: LH Reagent Wedge LH 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

Eye contact	: LH Reagent Wedge LH Adjustors	No specific data. No specific data.
Inhalation	: LH Reagent Wedge LH Adjustors	No specific data. No specific data.
Skin contact	: LH Reagent Wedge LH Adjustors	No specific data. No specific data.
Ingestion	: LH Reagent Wedge LH 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**

Potential immediate effects	: LH Reagent Wedge LH Adjustors	Not available. Not available.
Potential delayed effects	: LH Reagent Wedge LH Adjustors	Not available. Not available.

Long term exposure

Potential immediate effects	: LH Reagent Wedge LH Adjustors	Not available. Not available.
Potential delayed effects	: LH Reagent Wedge LH Adjustors	Not available. Not available.

Potential chronic health effects

Not available.

Conclusion/Summary	: LH Reagent Wedge LH Adjustors	Not available. Not available.
General	: LH Reagent Wedge LH Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
Carcinogenicity	: LH Reagent Wedge LH Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
Mutagenicity	: LH Reagent Wedge LH Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
Reproductive toxicity	: LH Reagent Wedge LH Adjustors	No known significant effects or critical hazards. No known significant effects or critical hazards.
Interactive effects	: LH Reagent Wedge LH Adjustors	Not available. Not available.
<u>Toxicokinetics</u>		
Absorption	: LH Reagent Wedge LH Adjustors	Not available. Not available.
Distribution	: LH Reagent Wedge LH Adjustors	Not available. Not available.
Metabolism	: LH Reagent Wedge LH Adjustors	Not available. Not available.
Elimination	: LH Reagent Wedge LH Adjustors	Not available. Not available.
Other information	: LH Reagent Wedge LH Adjustors	Not available. Not available.

SECTION 12: Ecological information**12.1 Toxicity**

Product/ingredient name	Result	Species	Exposure
LH Adjustors 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 : LH Reagent Wedge Not available.
LH Adjustors Not available.

12.2 Persistence and degradability

Conclusion/Summary : LH Reagent Wedge Not available.
LH Adjustors Not available.

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
LH Reagent Wedge aminocaproic acid	-2.95	-	low

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : LH Reagent Wedge Not available.
LH Adjustors Not available.

Mobility : LH Reagent Wedge Not available.
LH Adjustors 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

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

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

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

ADN

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

IMDG

14.1 UN number	LH Reagent Wedge LH Adjustors	Not regulated. Not regulated.
14.2 UN proper shipping name	LH Reagent Wedge LH Adjustors	- -
14.3 Transport hazard class(es)	LH Reagent Wedge LH Adjustors	- -

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SECTION 14: Transport information

14.4 Packing group	LH Reagent Wedge	-
	LH Adjustors	-
14.5 Environmental hazards	LH Reagent Wedge	No.
	LH Adjustors	No.
Additional information	LH Reagent Wedge	-
	LH Adjustors	-

IATA

14.1 UN number	LH Reagent Wedge	Not regulated.
	LH Adjustors	Not regulated.
14.2 UN proper shipping name	LH Reagent Wedge	-
	LH Adjustors	-
14.3 Transport hazard class(es)	LH Reagent Wedge	-
	LH Adjustors	-

14.4 Packing group	LH Reagent Wedge	-
	LH Adjustors	-
14.5 Environmental hazards	LH Reagent Wedge	No.
	LH Adjustors	No.
Additional information	LH Reagent Wedge	-
	LH Adjustors	-

14.6 Special precautions for user : LH Reagent Wedge

LH 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.

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SECTION 15: Regulatory information**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 : LH Reagent Wedge Not applicable.
 LH Adjustors Not applicable.

Seveso Directive

This product is not controlled under the Seveso Directive.

National regulations**EU regulations**

Industrial emissions (integrated pollution prevention and control) - Air : LH Reagent Wedge Not listed
 LH Adjustors Not listed

Industrial emissions (integrated pollution prevention and control) - Water : LH Reagent Wedge Not listed
 LH Adjustors Not listed

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.

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

Date of issue/Date of revision : 12/13/2022 **Date of previous issue** : No previous validation **Version** : 1 14/15

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SECTION 16: Other information

Classification	Justification
LH Adjustors Aquatic Chronic 3, H412	Calculation method

Full text of abbreviated H statements

LH Reagent Wedge	
H319	Causes serious eye irritation.
LH Adjustors	
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

LH Reagent Wedge	
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
LH Adjustors	
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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