

ENCES G-Biosciences, St Louis, MO, USA | 1-800-628-7730 | 1-314-991-6034 | technical@GBiosciences.com

A Geno Technology, Inc. (USA) brand name

Safety Data Sheet

Cat. # 786-11

SG-Arginine-C[™]

Size: 2 x 10µg





Digestion Buffer (ARG)

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Revision date: 5/11/2017

SECTION 1: Identification of the su	ibstance/mixture and of the co	mpany/underta	iking
1.1. Product identifier			
Product form	: Substance		
Substance name	: Digestion Buffer (ARG)		
Product code	: 139D		
Product group	: Trade product		
.2. Relevant identified uses of the sub	ostance or mixture and uses advis	ed against	
.2.1. Relevant identified uses			
No additional information available			
1.2.2. Uses advised against No additional information available			
1.3. Details of the supplier of the safety	y data sheet		
Geno Technology, Inc./ G-Biosciences			
9800 Page Avenue			
33132-1429 Saint Louis - United States [800-628-7730 - F 314-991-1504			
echnical@GBiosciences.com - www.GBioscie	nces.com		
.4. Emergency telephone number			
Emergency number	: Chemtrec 1-800-424-9300 (USA/C	anada), +1-703-52 7	7-3887 (Intl)
SECTION 2: Hazards identification			
.1. Classification of the substance or	mixture		
lassification according to Regulation (EC)	No. 1272/2008 [CL P]		
	nd environmental effects		
Adverse physicochemical, human health ar o our knowledge, this product does not prese		led in accordance w	ith good occupational hygiene and saf
Not classified Adverse physicochemical, human health ar Fo our knowledge, this product does not prese practice. 2.2. Label elements		led in accordance w	ith good occupational hygiene and saf
Adverse physicochemical, human health ar Fo our knowledge, this product does not prese practice. 2.2. Label elements	nt any particular risk, provided it is handl	ed in accordance w	ith good occupational hygiene and saf
Adverse physicochemical, human health ar Fo our knowledge, this product does not prese practice.	nt any particular risk, provided it is handl	led in accordance w	ith good occupational hygiene and saf
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Adverse physicochemical, human health ar To our knowledge, this product does not prese ractice. 2.2. Label elements Labelling according to Regulation (EC) No. No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/information 3.1. Substances	ent any particular risk, provided it is handl 1272/2008 [CLP] ion on ingredients	led in accordance w	ith good occupational hygiene and saf
Adverse physicochemical, human health ar To our knowledge, this product does not prese practice. 2.2. Label elements Labelling according to Regulation (EC) No. No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/information 3.1. Substances	nt any particular risk, provided it is handl 1272/2008 [CLP]	led in accordance w	ith good occupational hygiene and saf
Adverse physicochemical, human health ar to our knowledge, this product does not prese ractice. 2.2. Label elements 3.3. Other hazards Io additional information available 3.5. Composition/information 3.1. Substances Jame	ent any particular risk, provided it is handl 1272/2008 [CLP] ion on ingredients	led in accordance w	
Adverse physicochemical, human health ar To our knowledge, this product does not prese vactice. 2.2. Label elements abelling according to Regulation (EC) No. To labelling applicable 2.3. Other hazards To additional information available SECTION 3: Composition/information 3.1. Substances Jame	int any particular risk, provided it is hand 1272/2008 [CLP] ion on ingredients : Digestion Buffer (ARG)		
Adverse physicochemical, human health ar To our knowledge, this product does not prese practice. 2.2. Label elements 	int any particular risk, provided it is hand 1272/2008 [CLP] ion on ingredients : Digestion Buffer (ARG)		Classification according to
Adverse physicochemical, human health ar To our knowledge, this product does not prese ractice. 2.2. Label elements abelling according to Regulation (EC) No. Io labelling applicable 2.3. Other hazards Io additional information available SECTION 3: Composition/information 3.1. Substances lame Name	ion on ingredients : Digestion Buffer (ARG) : Product identifier		Classification according to Regulation (EC) No. 1272/2008 [CLP]
Adverse physicochemical, human health ar To our knowledge, this product does not prese ractice. 2.2. Label elements abelling according to Regulation (EC) No. Io labelling applicable 2.3. Other hazards Io additional information available SECTION 3: Composition/information 3.1. Substances lame Name	int any particular risk, provided it is hand 1272/2008 [CLP] ion on ingredients : Digestion Buffer (ARG)		Classification according to Regulation (EC) No.
Adverse physicochemical, human health ar to our knowledge, this product does not prese ractice. .2. Label elements abelling according to Regulation (EC) No. to labelling applicable .3. Other hazards to additional information available EECTION 3: Composition/information .1. Substances tame Name	ion on ingredients : Digestion Buffer (ARG) Product identifier (CAS-No.) 1066-33-7		Classification according to Regulation (EC) No. 1272/2008 [CLP]
Adverse physicochemical, human health ar to our knowledge, this product does not prese ractice. 2. Label elements abelling according to Regulation (EC) No. Io labelling applicable 3. Other hazards Io additional information available SECTION 3: Composition/information and and and and and and and and and an	ion on ingredients : Digestion Buffer (ARG) Product identifier (CAS-No.) 1066-33-7		Classification according to Regulation (EC) No. 1272/2008 [CLP]
Adverse physicochemical, human health ar To our knowledge, this product does not prese practice. 2.2. Label elements abelling according to Regulation (EC) No. to labelling applicable 2.3. Other hazards to additional information available SECTION 3: Composition/information 3.1. Substances tame Name ammonium bicarbonate Full text of H-statements: see section 16 3.2. Mixtures	ion on ingredients : Digestion Buffer (ARG) Product identifier (CAS-No.) 1066-33-7		Classification according to Regulation (EC) No. 1272/2008 [CLP]
Adverse physicochemical, human health ar To our knowledge, this product does not prese practice. 2.2. Label elements abelling according to Regulation (EC) No. to labelling applicable 2.3. Other hazards to additional information available SECTION 3: Composition/information 3.1. Substances tame Name ammonium bicarbonate Full text of H-statements: see section 16 3.2. Mixtures	ion on ingredients : Digestion Buffer (ARG) Product identifier (CAS-No.) 1066-33-7		Classification according to Regulation (EC) No. 1272/2008 [CLP]
Adverse physicochemical, human health ar To our knowledge, this product does not preservactice. 2.2. Label elements Labelling according to Regulation (EC) No. No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/information 3.1. Substances Name Name Full text of H-statements: see section 16 3.2. Mixtures Not applicable	ion on ingredients : Digestion Buffer (ARG) Product identifier (CAS-No.) 1066-33-7		Classification according to Regulation (EC) No. 1272/2008 [CLP]
Adverse physicochemical, human health ar To our knowledge, this product does not prese practice. 2.2. Label elements abelling according to Regulation (EC) No. No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/information 3.1. Substances Name Name Section bicarbonate Full text of H-statements: see section 16 3.2. Mixtures Not applicable SECTION 4: First aid measures	ion on ingredients : Digestion Buffer (ARG) Product identifier (CAS-No.) 1066-33-7		Classification according to Regulation (EC) No. 1272/2008 [CLP]
Adverse physicochemical, human health ar To our knowledge, this product does not prese practice. 2.2. Label elements abelling according to Regulation (EC) No. No labelling applicable 2.3. Other hazards No additional information available SECTION 3: Composition/information 3.1. Substances Name Name Name Full text of H-statements: see section 16 3.2. Mixtures Not applicable SECTION 4: First aid measures A.1. Description of first aid measures	ion on ingredients : Digestion Buffer (ARG) Product identifier (CAS-No.) 1066-33-7 (EC-No.) 213-911-5	9% 	Classification according to Regulation (EC) No. 1272/2008 [CLP] Acute Tox. 4 (Oral), H302
Adverse physicochemical, human health ar To our knowledge, this product does not prese ractice. 2.2. Label elements abelling according to Regulation (EC) No. Io labelling applicable 2.3. Other hazards Io additional information available SECTION 3: Composition/information 3.1. Substances Iame Name ammonium bicarbonate Full text of H-statements: see section 16 3.2. Mixtures Iot applicable SECTION 4: First aid measures 3.1. Description of first aid measures 5.1. Descri	ion on ingredients : Digestion Buffer (ARG) (CAS-No.) 1066-33-7 (EC-No.) 213-911-5 : Remove person to fresh air an	d keep comfortable	Classification according to Regulation (EC) No. 1272/2008 [CLP] Acute Tox. 4 (Oral), H302
Adverse physicochemical, human health ar Fo our knowledge, this product does not prese practice. 2.2. Label elements Labelling according to Regulation (EC) No.	ion on ingredients : Digestion Buffer (ARG) Product identifier (CAS-No.) 1066-33-7 (EC-No.) 213-911-5	d keep comfortable	Classification according to Regulation (EC) No. 1272/2008 [CLP] Acute Tox. 4 (Oral), H302

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SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the substa Hazardous decomposition products in case of fire	rce or mixture : Toxic fumes may be released.
5.3. Advice for firefighters	. Toxic fullies may be released.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release measure 6.1. Personal precautions, protective equipr	
6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area.
6.1.2. For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2. Environmental precautions Avoid release to the environment.	
6.3. Methods and material for containment a	nd cleaning up
Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections For further information refer to section 13.	
SECTION 7: Handling and storage 7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including a Storage conditions	ny incompatibilities : Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls/persona	I protection
8.1. Control parameters No additional information available	
8.2. Exposure controls	
Appropriate engineering controls:	
Ensure good ventilation of the work station.	
Hand protection:	
Protective gloves	
Eye protection:	
Safety glasses	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	roton / oquipmont
In case of insufficient ventilation, wear suitable respi	
Environmental exposure controls: Avoid release to the environment.	

SECTION 9: Physical and chemical properties			
0.1. Information on basic physical and chemical properties			
Physical state	: Liquid		
Colour	: No data available		
Odour	: No data available		

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Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	

No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
Hazardous decomposition products.

SECTION 11: Toxicological information 11.1. Information on toxicological effects	
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
ammonium bicarbonate (1066-33-7)	
LD50 oral rat	1576 mg/kg (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

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	· Net clossified		
	: Not classified : Not classified		
Chronic aquatic toxicity			
ammonium bicarbonate (1066-33-7)			
LC50 fish 1	63.4 mg/l (US EPA, 96 h, Oncorhynchus mykiss, Fresh water, Expert judgement)		
EC50 Daphnia 1	202 mg/l (US EPA, 48 h, Daphnia magna, Static system, Fresh water, Expert judgement, Locomotor effect)		
ErC50 (algae)	1921 mg/l (Other, 5 day(s), Chlorella vulgaris, Static system, Fresh water, Read-across, Nominal concentration)		
2.2. Persistence and degradability			
ammonium bicarbonate (1066-33-7)			
Persistence and degradability	Not readily biodegradable in water.		
Chemical oxygen demand (COD)	Not applicable (inorganic)		
ThOD	Not applicable (inorganic)		
2.3. Bioaccumulative potential			
ammonium bicarbonate (1066-33-7)			
Log Pow	-3.08 (Estimated value, KOWWIN)		
Bioaccumulative potential Not bioaccumulative.			
2.4. Mobility in soil			
ammonium bicarbonate (1066-33-7)			
Ecology - soil	Low potential for mobility in soil.		
2.5. Results of PBT and vPvB assessment			
No additional information available			
12.6. Other adverse effects No additional information available			

SECTION 13: Disposal consideration	
Waste treatment methods	: Waste treatment methods.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA /	ADN
14.1. UN number	. Net explicable
UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not regulated
UN-No. (IATA)	: Not regulated
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable
14.2. UN proper shipping name	. Not appliable
Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not regulated
Proper Shipping Name (IATA)	: Not regulated
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
14.3. Transport hazard class(es)	
ADR	
Transport hazard class(es) (ADR)	: Not applicable
IMDG	
Transport hazard class(es) (IMDG)	: Not regulated
ΙΑΤΑ	
Transport hazard class(es) (IATA)	: Not regulated
ADN	-
Transport hazard class(es) (ADN)	: Not applicable
RID	
	. Not appliable
Transport hazard class(es) (RID)	: Not applicable

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	.,
14.4. Packing group	
Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not regulated
Packing group (IATA)	: Not regulated
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable
14.5. Environmental hazards	
Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available
14.6. Special precautions for user	
Overland transport	
Not applicable	
Transport by sea	
Not regulated	
Air transport	
Not regulated	
Inland waterway transport	
Not applicable	
Rail transport	
Not applicable	

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Digestion Buffer (ARG) is not on the REACH Candidate List

Digestion Buffer (ARG) is not on the REACH Annex XIV List

Digestion Buffer (ARG) is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Digestion Buffer (ARG) is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

15.1.2. National regulations

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:		
Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4		
H302	Harmful if swallowed.	

Safety Data Sheet applicable for regions

: GB - United Kingdom

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



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SECTION 1: Identification of the substance/mixture and of the company/undertaking						
1.1. Product identifier						
Product form		: Substance				
Substance name		: Clostripain	: Clostripain			
Chemical name		: SG-Arginine-C	: SG-Arginine-C			
CAS-No.		: 9028-00-6				
Product code : 169M						
Product group : Raw material						
1.2. Relevant identified uses of the substance or mixture and uses advised against						
1.2.1. Relevant ide No additional inform						
1.2.2. Uses advise No additional inform	•					
1.3. Details of th	e supplier of the safety dat	a sheet				
Geno Technology,						
9800 Page Avenue 63132-1429 Saint I	ouis - United States					
T 800-628-7730 - F						
technical@GBiosci	ences.com - www.GBiosciences.	com				
	telephone number					
Emergency number	r :	Chemtrec 1-800-424-9300 (US	A/Canada), +1-703-527-3887 (Ir	itl)		
Country	Organisation/Company	Address	Emergency number	Comment		
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111			
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111			
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0344 892 0111			
United Kingdom	National Poisons Information Service Edinburgh Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111			
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188			
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111			

SECTION 2: Hazards identification 2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 Full text of H statements : see section 16

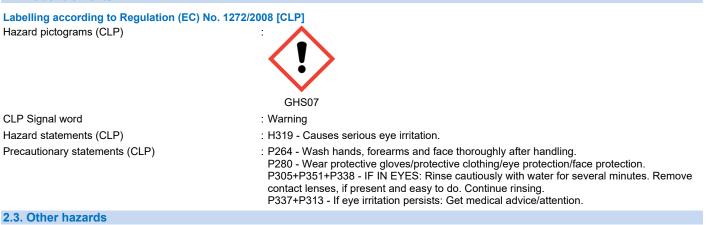
H319

Adverse physicochemical, human health and environmental effects Causes serious eye irritation.

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2.2. Label elements



No additional information available

SECTION 3: Composition/information on ingredients 3.1. Substances			
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Clostripain	(CAS-No.) 9028-00-6	100	Eye Irrit. 2, H319
Full text of H-statements: see section 16			
3.2. Mixtures			
Not applicable			

SECTION 4: First aid measures 4.1. Description of first aid measures	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms and ef	fects, both acute and delayed
Symptoms/effects after eye contact	: Eye irritation.
4.3. Indication of any immediate medi	cal attention and special treatment needed
Treat symptomatically.	

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam.
5.2. Special hazards arising from the substa	
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
6.1.1. For non-emergency personnel		
Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes.	
6.1.2. For emergency responders		
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".	
6.2. Environmental precautions		
Avoid release to the environment.		
6.3. Methods and material for containment and cleaning up		
Methods for cleaning up	: Mechanically recover the product.	

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
For further information refer to section 13.	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including a	ny incompatibilities
Storage conditions	: Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s)	

No additional information available

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
No additional information available
8.2. Exposure controls
Appropriate engineering controls:
Ensure good ventilation of the work station.
Hand protection:
Protective gloves
Eye protection:
Safety glasses
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical p	roperties
9.1. Information on basic physical and ch	
Physical state	: Solid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

Clostripain Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Explosive limits	: Not applicable	
0.2 Other information		

9.2. Other information No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
Hazardous decomposition products.

SECTION 11: Toxicological informa	tion	
11.1. Information on toxicological effect	ts	
Acute toxicity (oral)	: Not classified	
Acute toxicity (dermal)	: Not classified	
Acute toxicity (inhalation)	: Not classified	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Causes serious eye irritation.	
Respiratory or skin sensitisation	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
STOT-single exposure	: Not classified	
STOT-repeated exposure	: Not classified	
Aspiration hazard	: Not classified	

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
12.2. Persistence and degradability No additional information available	
12.3. Bioaccumulative potential No additional information available	
12.4. Mobility in soil No additional information available	
12.5. Results of PBT and vPvB assessment	
No additional information available	
12.6. Other adverse effects No additional information available	

SECTION 13: Disposal consideration	S	
13.1. Waste treatment methods		
Waste treatment methods	: Waste treatment methods.	
SECTION 14: Transport information		

SECTION 14: Transport Information	
In accordance with ADR / RID / IMDG / IATA / ADN	
14.1. UN number	
UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

according to Regulation (EC) No. 1907/2006 (REACH) with the		
UN-No. (RID)	: Not applicable	
14.2. UN proper shipping name		
Proper Shipping Name (ADR)	: Not applicable	
Proper Shipping Name (IMDG)	: Not applicable	
Proper Shipping Name (IATA)	: Not applicable	
Proper Shipping Name (ADN)	: Not applicable	
Proper Shipping Name (RID)	: Not applicable	
14.3. Transport hazard class(es)		
ADR		
Transport hazard class(es) (ADR)	: Not applicable	
IMDG		
Transport hazard class(es) (IMDG)	: Not applicable	
ΙΑΤΑ		
Transport hazard class(es) (IATA)	: Not applicable	
ADN		
Transport hazard class(es) (ADN)	: Not applicable	
RID		
Transport hazard class(es) (RID)	: Not applicable	
14.4. Packing group		
Packing group (ADR)	: Not applicable	
Packing group (IMDG)	: Not applicable	
Packing group (IATA)	: Not applicable	
Packing group (ADN)	: Not applicable	
Packing group (RID)	: Not applicable	
14.5. Environmental hazards		
Dangerous for the environment	: No	
Marine pollutant	: No	
Other information	: No supplementary information available	
14.6. Special precautions for user		
Overland transport		
Not applicable		
Transport by sea		
Not applicable		
Air transport		
Not applicable		
Inland waterway transport		
Not applicable		
Rail transport		
Not applicable		
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code		
Not applicable		

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Clostripain is not on the REACH Candidate List

Clostripain is not on the REACH Annex XIV List

Clostripain is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Clostripain is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment No chemical safety assessment has been carried out

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SECTION 16: Other information		
tements:		
Serious eye damage/eye irritation, Category 2		
Causes serious eye irritation.		
_	atements: Serious eye damage/eye irritation, Category 2	

Safety Data Sheet applicable for regions

: GB - United Kingdom

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.