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

Date of issue: 07/02/2019

	Section 1 Ide	ntification of th	no substanso	/mivture and c	of the company /underte	lring.
1.1 Product iden		ntincation of th	ie substance/	illixture and t	of the company/underta	IKING
Product Forn						
	Endozime Spong	ge				
Registration	number: Substanc	es contained in the	mixture are regis	tered by the suppli	ers.	
U				supplier of the saf		1.4 Emergency
	tified uses of the	<u>substance or</u>	Suppl	ied by	Manufactured by	Telephone Number
<u>nixture and uses</u>	<u>advised against</u>		PESKETT SOI		The Ruhof Corporation	01323 511038 07973 166737
			Unit 4 Brampto	n Business Park oton Road	393 Sagamore Avenue	07 773 100737
Recommended use	e: Medical Instrum	ent Cleaning		East Sussex	Mineola, NY 11501-1919	
Uses advised agair	st· No information	available		2 9AF	USA	
oses unviseu ugun	ist. No imormation	avanabie	]	Email: matthey	w@ruhof.co.uk	
		Sect	ion 2 - Hazar	ds Identificati	on	
				of the substance or		
					and its amendments	
			n any hazard cla	ss according to Re	egulation (EC) No 1272/2008 o	on classification,
abelling and packa	aging of substances	s and mixtures.	22711	E1 .		
			2.2. Label	Elements		
	Hazard Pictogram	: Not Applicable			ents: P501 - Dispose of contents/ co	ntainer to an approved
	Signal Word: Not A	Applicable	y	waste disposal plant.		
				Additional inform		
	Hazard Statements	Not Appliable	I	EUH208 Contains Sub	tilisin. May produce an allergic reac	tion.
	mazaru statements	s. Not Applicable	ı	Regulation (EC) No 6	48/2004 on detergents / Labellir	g for contents:
			1	non-ionic surfactants,	preservation agents, enzymes < 5%	
		Section 3 - Co				
		3.1. S	<u>ubstance</u> : Not Ap	plicable 3.2 Mixtu	<u>ıre</u>	
Na	me	Product Id	lentifier	%		
Alcohols, C9-1	1 othovulated	(CAS No) 68439-46-	2A C N-) C0 420 4C 2		(EC) No. 1272/2008 [CLP Eye Dam. 1, H318	
Alconois, C3-1	i, etiloxylated	(EC no) 614-482-0			Lye Dam. 1, 11010	
0.1000	1.0	(0.4.0.14.)		0.1.1	01: 1:: 0.11045	
Subtilisins (prote	eolytic enzymes)	(CAS No) 9014-01-1 (EC no) 232-752-2		0,1-<1	Skin Irrit. 2, H315 Eye Dam. 1, H318	
			EACH No 01-2119480434-38		Resp. Sens. 1. H334	
Full toxt of U stator	monte and addition	l al information: see	soction 16		STOT SE 3, H335	
dir text of 11 state	nents and addition			t Aid Measure	es	
			. Description of fi			
General Advice	No specific measur	res required.				
Eye Contact	Rinse opened eye	for several minutes un	der running water. I	f symptoms persist, c	onsult a doctor.	
Skin Contact		er. If symptoms persist				
Inhalation		move to fresh air. If sy				
Ingestion	Do NOT induce vo	miting. Drink plenty of		persist, call a physiciand effects, both acute		
	Most Important Sy		oor tant symptoms ar	id cheets, both acute	No further relevant information av	ailable.
		4.3. Indication of i	mmediate medical a	ttention and special t	reatment needed	
	Notes to F	Physician	ion E. Eine E	ighting Massy	No further relevant information av	ailable.
5.1. Extinguishing me	edia	Sect	don 5 - Fire F	ighting Measu 5.3. Advice for fi		
Suitable Extinguishin		or water spray.		Special protective equipment for fire-fighters No further relevant		
_				information avail	lable.	
***			ration itself			
	ar as ar ising nom the		aaon 16511,			
Special exposure haz	s, resulting gases Nor	•	ı 6 – Accident	al Release Me	asures	
Special exposure haz	s, resulting gases Nor	Section			and materials for containmen	t and cleaning up
Special exposure haz combustion products 6.1. Personal preca	autions, protective	e equipment and e	mergency			
Special exposure haz combustion products 6.1. Personal preca procedures	autions, protective	e equipment and e	mergenc <u>y</u>	Soak up with iner	rt absorbent material.	10 fam addure1
Special exposure haz combustion products 5.1. Personal preci procedures Use per 5.2. Environmenta	autions, protective sonal protective equip l precautions	e equipment and e	<u>mergency</u>	Soak up with iner <b>6.4. Reference</b>	rt absorbent material.  to other sections: See Section	12 for additional
Special exposure haz combustion products 5.1. Personal preci procedures Use per 5.2. Environmenta	autions, protective sonal protective equip l precautions	e equipment and e oment.		Soak up with iner 6.4. Reference information. lling and Stora	e to other sections: See Section	
Special exposure haz combustion products 6.1. Personal precaprocedures Use per 6.2. Environmenta No special measures re 7.1. Precautions fo	autions, protective sonal protective equip Il precautions equired.	e equipment and e		Soak up with iner 6.4. Reference information. lling and Stora 7.2. Condition	eto other sections: See Section nge s for safe storage, including a	ny incompatibilities
Special exposure haz combustion products 6.1. Personal precaprocedures Use per 6.2. Environmenta No special measures re 7.1. Precautions fo	autions, protective sonal protective equip Il precautions equired. or Safe Handling ons are necessary if	e equipment and enterment.  Security Se	tion 7 - Hand	Soak up with iner 6.4. Reference information. lling and Stora 7.2. Condition Keep out of the re	e to other sections: See Section age s for safe storage, including a each of children. Keep in properly la	ny incompatibilities beled containers.
5.2. Special hazards a Special exposure haz combustion products 6.1. Personal precaprocedures Use per 6.2. Environmenta No special measures ro 7.1. Precautions fo No special precautic Information about fin	autions, protective sonal protective equip Il precautions equired. or Safe Handling ons are necessary if	e equipment and enterment.  Security Se	tion 7 - Hand	Soak up with iner 6.4. Reference information.  lling and Stora 7.2. Condition Keep out of the re 7.3. Specific er	e to other sections: See Section  Age  s for safe storage, including a each of children. Keep in properly la nd use(s) Exposure Scenario N	<b>ny incompatibilities</b> beled containers. No information
Special exposure haz combustion products 6.1. Personal precaprocedures Use per 6.2. Environmenta No special measures re 7.1. Precautions fo	autions, protective sonal protective equip Il precautions equired. or Safe Handling ons are necessary if	e equipment and enterment.  Security Se	tion 7 - Hand	Soak up with iner 6.4. Reference information.  lling and Stora 7.2. Condition Keep out of the re 7.3. Specific er	e to other sections: See Section age s for safe storage, including a each of children. Keep in properly la	ny incompatibilities beled containers. No information
Special exposure haz combustion products 6.1. Personal precaprocedures Use per 6.2. Environmenta No special measures ro 7.1. Precautions fo No special precautions	autions, protective sonal protective equip Il precautions equired. or Safe Handling ons are necessary if	e equipment and enterment.  Security Se	tion 7 - Hand	Soak up with iner 6.4. Reference information.  lling and Stora 7.2. Condition Keep out of the re 7.3. Specific er	e to other sections: See Section  Age  s for safe storage, including a each of children. Keep in properly la nd use(s) Exposure Scenario N	ny incompatibilities beled containers. No information
Special exposure haz combustion products  6.1. Personal precaprocedures Use per 6.2. Environmenta No special measures re  7.1. Precautions fo	autions, protective sonal protective equip Il precautions equired. or Safe Handling ons are necessary if	e equipment and enterment.  Security Se	tion 7 - Hand	Soak up with iner 6.4. Reference information.  lling and Stora 7.2. Condition Keep out of the re 7.3. Specific er	e to other sections: See Section  Age  s for safe storage, including a each of children. Keep in properly la nd use(s) Exposure Scenario N	ny incompatibilities beled containers. No information
Special exposure haze combustion products  6.1. Personal precaprocedures Use per 6.2. Environmenta No special measures re  7.1. Precautions for the special precautions for the special precautions for the special precautions.	autions, protective sonal protective equip Il precautions equired. or Safe Handling ons are necessary if	e equipment and enterment.  Security Se	tion 7 - Hand	Soak up with iner 6.4. Reference information.  lling and Stora 7.2. Condition Keep out of the re 7.3. Specific er	e to other sections: See Section  Age  s for safe storage, including a each of children. Keep in properly la nd use(s) Exposure Scenario N	ny incompatibilities beled containers. No information

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### Section 8 - Exposure controls/personal protection

#### 8.1. Control parameters

Substance	Occupational Exposure Li hour reference po	,	Occupational Exposure Limit Value (15- minute reference period)		
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
Subtilisins (proteolytic enzymes) (CAS No) 9014-01-1 (EC no) 232-752-2	-	0.00006	-	0.00006	

8.2. Exposure controls

Hand Protection Not required under normal conditions of use.

Personal protective equipment

**Respiratory Protection** No respiratory protection normally required. In case of

General protective and hygienic measures: The usual precautionary measures are

inadequate ventilation wear respiratory protection.

to be adhered to when handling chemicals.

ye Protection Not required under normal conditions of use.

Skin and Body Protection Not required under normal conditions of use.

Device Filter type		Condition	Standard	
Dust mask	Type P1	Dust protection	EN 143, EN 149	

## Section 9 - Physical and chemical properties

	9.1. Information on basic physical and chemical properties							
Physical State Odor		Odor	Appearance	рН	Melting Point/Range	<b>Boiling Point</b>		
	Red polyether-urethane foam	Floral	Red	6-8	No data available	>100°C		
	sponge with red liquid							
Flash Point Flammability Lim		Flammability Limits	Vapor Pressure	Specific Gravity	Water Solubility	Flammable Properties		
	No data available	No data available	No data available	1.01-1.03	Soluble	Not Flammable		

#### <u>Section 10 - Stability and reactivity</u>

10.1. Reactivity No data available.

10.4. Conditions to avoid None known based on information supplied.

10.2. Chemical stability Stable under normal conditions.

10.5. Incompatible materials No information available 10.6. Hazardous decomposition products None under normal use.

10.3. Possibility of hazardous reactions None under normal processing.

#### Section 11 Toxicological information

## 11.1. Information on toxicological effects

Inhalation Based on available data, the classification criteria are not met. Eye Contact Based on available data, the classification criteria are not met. Skin Contact Based on available data, the classification criteria are not met. There is no data available for this product. Ingestion

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

Carcinogenicity Based on available data, the classification criteria are not met. Chronic Toxicity

#### Based on available data, the classification criteria are not met. Section 12 - Ecological informati

becton 12 Decreat information				
12.1. Toxicity				
Ecotoxicity	The product is not expected to be hazardous to the environment.			
Persistence and Degradability	No information available.			
Bioaccumulation	The product does not contain any substances expected to be bioaccumulating.			
Other Adverse Effects	No information available.			

## 12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer

12.3. Bioaccumulative potential: No information available.

12.4. Mobility in soil Adsorbs on soil.

12.5. Results of PBT and vPvB assessment No information available.

12.6. Other adverse effects None known

## Section 13 - Disposal considerations

13.1. Waste treatment methods: Waste from Residues / Unused Products Dispose of in accordance with local regulations. Contaminated Packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

## Section 14 - Transport information

	14.1 UN number	N/A	Ground: Non-Hazardous	14.4 Packing group	N/A	Product Regulated for Transport	No	
14.2 UN proper shipping name N/A		name N/A	Sea: IMDG Class: Non-Hazardous	14.5 Environmental hazards N/A		14.7 Transport in bulk according to Annex II of		
14.3 Transport hazard class(es)		ass(es)	Air: ICAO/IATA Class: Non-Hazardous	14.6 Special precautions for user N/A		MARPOL 73/78 and the IBC Code: N/A		

### Section 15 - Regulatory information

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

EU Legislation: The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 2015/830 of 20th May 2015 amending regulation (EC) No 1907/2006. Detergent Regulation (EC) No. 648/2004

## Section 16 - Other information

Full text of H-phrases referred to under Sections 3: H318 Causes serious eye damage; H315 Causes skin irritation; H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled; H335 May cause respiratory irritation.

The percentages reflected in section 3 of this SDS represents the levels of hazardous components in the mixture.

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#### **General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Shee**