Prepzyme XF 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

Version: 1.0					C.1.	1.					
		entification of the	he substance	/mixture and	of the company/underta	iking					
1.1 Product iden											
Product Forn											
Trade Name: Prepzyme XF											
Registration	number: Substan	ces contained in the				1 4 5-11 - 11 - 11					
				e supplier of the sa	<u>ıfety data sheet</u>	<u>1.4 Emergency</u> <u>Telephone Number</u>					
 1.2 Relevant identified uses of the substance or mixture and uses advised against Recommended use: Foaming Prep Spray 				lied by DLUTIONS LTD	Manufactured by	01323 511038					
				on Business Park	The Ruhof Corporation	07973 166737					
			•	npton Road	393 Sagamore Avenue						
				e, East Sussex	Mineola, NY 11501-1919 USA						
Uses advised again	Uses advised against: No information available			22 9AF							
					ew@ruhof.co.uk						
		Sect	ion 2 - Haza	rds Identificat	ion						
				of the substance of							
					3 and its amendments						
			in any hazard cl	ass according to R	Regulation (EC) No 1272/2008 c	on classification,					
labelling and packa	iging of substance	es and mixtures.									
			2.2. Labe	l Elements							
	Hazard Pi	ctogram:									
				Precautionary Staten	nents: P501 - Dispose of contents/ co	ntainer to an approved					
	<u></u>			waste disposal plant.							
	Signal Word: War	8									
1122	Hazard Sta		,								
HZZ	9 Pressurized contain	ner: may burst if heated		nformation on	Ingradiants						
			Substance: Not A		<u> </u>						
						<u> </u>					
Nai	me	Product Io	lentifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]						
Alcohols, C9-1	1. ethoxylated	(CAS No) 68439-46-	-3	0,1-<1	Eve Dam. 1, H318						
,	,,	(EC no) 614-482-0		- ,	, ,						
Subtilisins (prote		(CAS No) 9014-01-1 (EC no) 232-752-2 REACH No 01-2119480434-38		0,1-<1	Skin Irrit. 2, H315						
Sublinsins (prote	orytic enzymes)			0,1-<1	Eye Dam. 1, H318						
					Resp. Sens. 1, H334						
Ling	0.00	(CAS No) 9000-62-1		0.1-0.5	STOT SE 3, H335 Resp. Sens. 1, H334						
Lipe	Lipase		(EC no) 232-619-9 REACH No 01-2119972939-13		Resp. 0613. 1, 11004						
Amylase		(CAS No) 9000-90-2 (EC no) 232-565-6		0,1-0,5	0,1-0,5 Resp. Sens. 1, H334						
	(E		(EC index no) 647-015-00-4								
Full text of H-stater	nents and additior	nal information: see									
				st Aid Measur	es						
			L. Description of	first-aid measures							
General Advice	No specific mea		1	10	1. 1 .						
Eye Contact		for several minutes un		. If symptoms persist,	consult a doctor.						
Skin Contact Inhalation		ter. If symptoms persis move to fresh air. If s		call a doctor							
Ingestion		omiting. Drink plenty			vsician.						
				ind effects, both ac							
	Most Important S				No further relevant information a	vailable.					
			nediate medical		cial treatment needed						
	Notes to	Physician Sect	tion 5 – Fire	Fighting Measu	No further relevant information a	ivaliable.					
5.1. Extinguishing me	dia	500		5.3. Advice for							
Suitable Extinguishin		er or water spray.		Special protective equipment for fire-fighters No further relevant							
_				information ava	ilable.						
5.2. Special hazards a											
Special exposure haz combustion products	0		ration itself,								
combustion products	, resulting gases No	•	Accidor	ital Release Me							
6.1. Personal preca	autions protectiv					t and cleaning un					
procedures Use per			mergency	6.3. Methods and materials for containment and cleaning up Soak up with inert absorbent material.							
6.2. Environmental precautions				6.4. Reference to other sections: See Section 12 for additional							
No special measures re	equired.			information.							
7.1 Drogention - f-	n Safa Uan diin -	Sec	tion 7 – Han	dling and Stor		ny incompatibilitie -					
7.1. Precautions fo No special precaution		fused correctly		7.2. Conditions for safe storage, including any incompatibilities Keep out of the reach of children. Keep in properly labeled containers.							
Information about fir		5	neasures required.	res required. 7.3. Specific end use(s) Exposure Scenario No information							
		•	•	available. Other Guidelines No information available.							
		Section 8 – I	Exposure con	ntrols/persona	al protection						

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			<u>8.1. Contro</u> Occupational Exp	Occupational Exposure Limit Value			lalua	I			
	Substance Subtilisins (proteolytic enzymes) (CAS No) 9014-01-1 (EC no) 232-752-2		Value (8-hour refe		-	inute reference period)					
			ppm	mg/m ³	ppm	mg/m ³		uj			
			-	0.00006	-	0.00006					
0.2.5						1	1 1	1	<u>,</u>		
to be adhered to v	tive equipment i ve and hygienic when handling ch	emicals. r normal conditions of		sensitive individu government stand	Not required u ection No resp als, respiratory ards may be us	inder nor piratory p v equipmo sed.	mal conditions of orotection normal	f use. lly require	ed. In the case of		
			tion 9 – Physical a Information on basic p								
Physic	al State	<u>9.1.</u> Odor	Appearance	pH			ng Point/Range	В	oiling Point		
	quid	Mild	Clear	6-8			No data available		>100C		
	Flash Point		its Vapor Pressure	Specific Gravity		Wat	ter Solubility Flamm		nable Properties		
	ummable	No data available		1.00-1.03			Soluble	Not Flammable			
9.2. Other information VOC Content (%) No information available Flammability Limits in Air No data available Section 10 – Stability and reactivity											
10.1 Reactivity	No data available.		Section 10 - Sta			known h	ased on informat	ion suppl	ied		
10.2. Chemical s	tability Stable un	der normal conditions.		10.5. Incompatib	10.4. Conditions to avoid None known based on information supplied. 10.5. Incompatible materials No information available. 10.6. Hazardous decomposition products None under normal use.						
10.3. Possibility	of hazardous re	actions None under no	rmal processing. Section 11 – Toxi			n produ	<u>cts</u> None under n	ormal use			
11.1. Informat	ion on toxicol			cological into	mation						
Inhalation			classification criteria are r	not met.							
Eye Contact		,	classification criteria are n								
Skin Contact Ingestion		i on available data, the e is no data available foi	classification criteria are n this product	iot met.							
			s from short and long-te	rm exposure							
Carcinogenicity			the classification criteria								
Chronic Toxicity	ŀ	ased on available data,	the classification criteria		nation						
			Section 12 – Eco	. Toxicity	llatioli						
		Ecotoxicity	12.1		oduct is not ex	pected to	be hazardous to	the envir	onment.		
	Persis	tence and Degradabili	ity	No information available.							
		Bioaccumulation		The product	The product does not contain any substances expected to be bioaccumulating.						
	Ot	her Adverse Effects				lo inform	ation available.				
			ly) with the biodegradability ci		egulation (EC) No						
		competent authorities of th bility: No information a	e Member States and will be m								
	0	al: No information avail		12.5. Results of PBT and vPvB assessment No information available.12.6. Other adverse effects None known							
	in soil Adsorbs o										
			Section 13 – Disp			_					
			/ Unused Products Dispo g site for recycling or dispo		with local regu	ilations.	Contaminated P	ackaging	Empty		
containers should	i de taken to an aj	oproved waste nanding	Section 14 – Tra		nation						
14.1 UN number	· 1950	14.3 Transport		14.4 Packing gro			Product Regulat	ed for Tr	ansport No		
14.2 UN proper s		-	: NOS. class 2.2 limited	14.5 Environme			14.7 Transport i		-		
	Aerosols, non-flammable quantity EMS: F-					user N/A Annex II of MARPOL 73/78 a		8 and the IBC			
			Costion 15 Dog			(Code: N/A				
15 1 Safety	health and onv		Section 15 – Regu tions/legislation spec			turo					
EU Legislation	: The UN Globa	lly Harmonized Syst	em (GHS) Safety Data S		ex IV) is impl	emente	d as Annex II of Regulation (EC)				
2013/830 01 20	Jul May 2013 a	mending regulation	Section 16 – C	ther inform:		eigent i	(EC)	NU. 040	/2004		
	ses referred to unde cause respiratory in		es serious eye damage; H315			e allergy	or asthma symptom	s or breath	ing difficulties if		
The percentages	reflected in sect	ion 3 of this SDS repre	esents the levels of hazard	dous components ir	the mixture.						
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			Comercia	Diceloimer							
safe handling, us	e, processing, stora	ge, transportation, dispo	<u>General</u> four knowledge, information sal and release and is not to aterial used in combination v	be considered as a wa	rranty or quality	y specifica	ation. The informat	ion relates			