

Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

How the best perform

Date of issue: 10/03/2016

Revision date: 10/03/2016 Version: 1.0

SECTION 1: Identification 1.1 Product identifier Product name : Enzymax Liquid Concentrate Product code : IMS-1222, IMS-1222C 1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended uses and restrictions : Concentrated Ultrasonic Detergent & Presoak 1.3. Details of the supplier of the safety data sheet Manufactured for Acmedent Corp. Hu-Friedy Mig. Co., LLC 91 Citation Dr, Unit 5, Concord L4K 2Y8 9323 N. Rockwell Street Chicago, IL 60618 USA 91 Citation Dr, Unit 5, Concord L4K 2Y8 905-761-8630 Central Dental Supply 103-251 Sautkeaux Crescent, Winnipeg R3J 3C7 204-885-7530 Henry Schein Canada, Inc. 345 Townline Road, SS4, Niagara-On-The-Lake L0S 1J0 905-646-1711 K-Dental Inc. 750 Cochrane Drive, Markham L3R 8E1 416-239-3865 Patterson Dentaire Canada 1205, Boul.hemi-Bourassa West, Montreal H3M 3E6 900 Harbourside Drive, North Vancouver V7P 3T8 604-986-1544				
Product name : Enzymax Liquid Concentrate Product code : IMS-1222, IMS-1222C 1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended uses and restrictions : Concentrated Ultrasonic Detergent & Presoak 1.3. Details of the supplier of the safety data sheet Manufactured for Hu-Friedy Mfg. Co., LLC 3232 N. Rockwell Street Chicago, IL 60618 USA 1-800-Hu-Friedy or 1-773-975-6100 Horry: Saulteaux Crescent, Winnipeg R3J 3C7 204-885-7530 Henry Schein Canada, Inc. 345 Townline Road, SS4, Niagara-On-The-Lake L0S 1J0 905-646-1711 K-Dental Inc. 750 Cochrane Drive, Markham L3R 8E1 416-293-8365 Patteron Dentali company Ltd. 900 Harbourside Drive, North Vancouver V7P 3T8 604-986-1544	SECT	ION 1: Identification		
Product code : IMS-1222, IMS-1222C 1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended uses and restrictions : Concentrated Ultrasonic Detergent & Presoak 1.3. Details of the supplier of the safety data sheet Manufactured for Hu-Friedy Mfg. Co., LLC 91 Citation Dr., Dint 5, Concord L4K 2Y8 3232 N. Rockwell Street Chicago, IL 60618 USA 91 Citation Dr., Dint 5, Concord L4K 2Y8 905-761-6850 905-761-6850 Central Dental Supply 103-251 Saulteaux Crescent, Winnipeg R3J 3C7 204-885-7530 Henry Schein Canada, Inc. 345 Townline Road, SS4, Niagara-On-The-Lake L0S 1J0 905-646-1711 K-Dechara Drive, Markham L3R 8E1 416-293-8365 Patterson Dentaire Canada 1205, Boul,henri-Bourassa West, Montreal H3M 3E6 418-688-6546 Sinclain Dental Company Ltd. 900 Harbourside Drive, North Vancouver V7P 3T8	1.1.	Product identifier		
1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended uses and restrictions : Concentrated Ultrasonic Detergent & Presoak 1.3. Details of the supplier of the safety data sheet Distributor Manufactured for Hu-Friedy Mfg. Co., LLC Acmedent Corp. 3232 N. Rockwell Street Chicago, IL 60618 USA 91 Citation Dr, Unit 5, Concord L4K 2Y8 1-800-Hu-Friedy or 1-773-975-6100 905-761-8850 Central Dental Supply 103-251 Saulteaux Crescent, Winnipeg R3J 3C7 204-885-7530 Henry Schein Canada, Inc. 345 Townline Road, SS4, Niagara-On-The-Lake L0S 1J0 905-646-1711 Nethal Inc. 750 Cochrane Drive, Markham L3R 8E1 416-293-8365 Patterson Dential Company Ltd. 900 Harbourside Drive, North Vancouver V7P 3T8 604-986-1544	Product	name	: Enzymax	Liquid Concentrate
Recommended uses and restrictions : Concentrated Ultrasonic Detergent & Presoak 1.3. Details of the supplier of the safety data sheet Manufactured for Hu-Friedy Mfg. Co., LLC 3232 N. Rockwell Street Chicago, IL 60618 USA 1-800-Hu-Friedy or 1-773-975-6100 Acmedent Corp. 91 Citation Dr, Unit 5, Concord L4K 2Y8 905-761-6850 Central Bupply 103-251 Saulteaux Crescent, Winnipeg R3J 3C7 204-885-7530 Henry Schein Canada, Inc. 345 Townline Road, SS4, Niagara-On-The-Lake L0S 1J0 905-646-1711 K-Dental Inc. 750 Cochrane Drive, Markham L3R 8E1 416-293-8365 Patterson Dentaire Canada 1205, Boul.henri-Bourassa West, Montreal H3M 3E6 418-688-6546 Sinclair Dental Company Ltd. 900 Harbourside Drive, North Vancouver V7P 3T8 604-986-1544	Product	code	: IMS-1222	, IMS-1222C
1.3. Details of the supplier of the safety data sheet Manufactured for Hu-Friedy Mfg. Co., LLC 3232 N. Rockwell Street Chicago, IL 60618 USA 1-800-Hu-Friedy or 1-773-975-6100 Distributor Acmedent Corp. 91 Citation Dr, Unit 5, Concord L4K 2Y8 905-761-6850 Central Dental Supply 103-251 Saulteaux Crescent, Winnipeg R3J 3C7 204-885-7530 Henry Schein Canada, Inc. 345 Townline Road, SS4, Niagara-On-The-Lake L0S 1J0 905-646-1711 K-Dental Inc. 750 Cochrane Drive, Markham L3R 8E1 416-293-8365 Patterson Dentaire Canada 1205, Boul.henri-Bourassa West, Montreal H3M 3E6 418-688-6546 Sinclair Dental Company Ltd. 900 Harbourside Drive, North Vancouver V7P 3T8 604-986-1544	1.2.	Relevant identified uses of the substa	ince or mix	ture and uses advised against
Manufactured for Hu-Friedy Mfg. Co., LLC 3232 N. Rockwell Street Chicago, IL 60618 USA 1-800-Hu-Friedy or 1-773-975-6100Distributor Acmedent Corp. 91 Citation Dr, Unit 5, Concord L4K 2Y8 905-761-6850 Central Dental Supply 103-251 Saulteaux Crescent, Winnipeg R3J 3C7 204-885-7530 Henry Schein Canada, Inc. 345 Townline Road, SS4, Niagara-On-The-Lake L0S 1J0 905-646-1711 K-Dental Inc. 750 Cochrane Drive, Markham L3R 8E1 416-293-8365 Patters One Dentaire Canada 1205, Boul.henri-Bourassa West, Montreal H3M 3E6 418-688-6546 Sinclair Dental Company Ltd. 900 Harbourside Drive, North Vancouver V7P 3T8 604-986-1544	Recom	mended uses and restrictions	Concentra	ated Ultrasonic Detergent & Presoak
Manuactured for Hu-Friedy Mfg. Co., LLC 3232 N. Rockwell Street Chicago, IL 60618 USA 1-800-Hu-Friedy or 1-773-975-6100 Acmedent Corp. 905-761-6850 Central Dental Supply 103-251 Saulteaux Crescent, Winnipeg R3J 3C7 204-885-7530 Henry Schein Canada, Inc. 345 Townline Road, SS4, Niagara-On-The-Lake LOS 1J0 905-646-1711 K-Dental Inc. 750 Cochrane Drive, Markham L3R 8E1 416-293-8365 Patterson Dentaire Canada 1205, Boul.henri-Bourassa West, Montreal H3M 3E6 418-688-6546 Sinclair Dental Company Ltd. 900 Harbourside Drive, North Vancouver V7P 3T8 604-986-1544	1.3.	Details of the supplier of the safety da	ata sheet	
1.4. Emergency telephone number	Hu-Frie 3232 N	dy Mfg. Co., LLC . Rockwell Street Chicago, IL 60618 US/	X	Acmedent Corp. 91 Citation Dr, Unit 5, Concord L4K 2Y8 905-761-6850 Central Dental Supply 103-251 Saulteaux Crescent, Winnipeg R3J 3C7 204-885-7530 Henry Schein Canada, Inc. 345 Townline Road, SS4, Niagara-On-The-Lake L0S 1J0 905-646-1711 K-Dental Inc. 750 Cochrane Drive, Markham L3R 8E1 416-293-8365 Patterson Dentaire Canada 1205, Boul.henri-Bourassa West, Montreal H3M 3E6 418-688-6546 Sinclair Dental Company Ltd. 900 Harbourside Drive, North Vancouver V7P 3T8
	1.4.	Emergency telephone number		

Emergency number

: 1-800-535-5053

SECTION 2: Hazards identification

Classification of the substance or mixture 2.1.

GHS classification

Skin Irrit. 2 Eve Irrit. 2A Resp. Sens. 1

2.2. Label elements

GHS labelling Hazard pictograms (GHS)

Signal word (GHS) Hazard statements (GHS)

Precautionary statements (GHS)



: Danger

- Causes skin irritation. Causes serious eye irritation. May cause allergy or asthma symptoms or · breathing difficulties if inhaled.
- Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands, forearms and face thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center/doctor. If in eyes: 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. Dispose of contents/container in accordance with local, regional, national and/or international regulations.



Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable



Safety Data Sheet according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

3.2. Mixtures			
Name		Product identifier	%
Octanoic acid, potassium salt		(CAS No) 764-71-6	10
Glycerol		(CAS No) 56-81-5	8
Subtilisins (proteolytic enzymes)		(CAS No) 9014-01-1	1
Amylase, .alpha		(CAS No) 9000-90-2	0.14
SECTION 4: First aid measures			
4.1. Description of first aid measur	es		
First-aid measures after inhalation	: If breathing is difficult, remove vict	im to fresh air and keep at rest in a po ory symptoms: Call a POISON CENTE	
First-aid measures after skin contact		sh skin with plenty of water. Remove or reuse. Call a physician if irritation deve	
First-aid measures after eye contact		sh eyes with plenty of water for at leas . If irritation persists, get medical atter	
First-aid measures after ingestion		ng unless directed to do so by medical pe us person. Get medical advice/attention it	
4.2. Most important symptoms and	effects, both acute and delayed		
Symptoms/injuries after inhalation	: May cause respiratory tract irritation difficulties if inhaled.	on. May cause allergy or asthma symp	toms or breathing
Symptoms/injuries after skin contact	: Causes skin irritation. Symptoms of the skin.	may include redness, edema, drying, c	lefatting and cracking
Symptoms/injuries after eye contact		ptoms may include discomfort or pain ess and swelling of the conjunctiva.	, excess blinking and
Symptoms/injuries after ingestion	: May be harmful if swallowed. May	cause stomach distress, nausea or vo	omiting.
4.3. Indication of any immediate me	edical attention and special treatment ne	eded	
Symptoms may not appear immediately. In ca	ase of accident or if you feel unwell, seek medi	cal advice immediately (show the label c	or SDS where possible).
		cal advice immediately (show the label c	or SDS where possible).
SECTION 5: Firefighting measur		ical advice immediately (show the label o	or SDS where possible).
SECTION 5: Firefighting measur	es	ical advice immediately (show the label c	or SDS where possible).
SECTION 5: Firefighting measur 5.1. Extinguishing media Suitable extinguishing media	es : Treat for surrounding material.	ical advice immediately (show the label c	or SDS where possible).
ECTION 5: Firefighting measur .1. Extinguishing media suitable extinguishing media	es	cal advice immediately (show the label c	or SDS where possible).
ECTION 5: Firefighting measur 5.1. Extinguishing media Suitable extinguishing media Jnsuitable extinguishing media	 Treat for surrounding material. None known. 	cal advice immediately (show the label c	or SDS where possible).
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Insuitable extinguishing media 5.2. Special hazards arising from th	Treat for surrounding material. None known.	ical advice immediately (show the label of decision of the label of the label of the label of decision of the label of decision of the label of the labe	
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Jusuitable extinguishing media 5.2. Special hazards arising from the Fire hazard	Treat for surrounding material. None known.		
SECTION 5: Firefighting measur 5.1. Extinguishing media Suitable extinguishing media Jnsuitable extinguishing media	 Treat for surrounding material. None known. None substance or mixture Products of combustion may inclu 		rbon.
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Jnsuitable extinguishing media 5.2. Special hazards arising from the Fire hazard 5.3. Advice for firefighters	 Treat for surrounding material. None known. None substance or mixture Products of combustion may inclu Keep upwind of fire. Wear full fire protection (SCBA). 	de, and are not limited to: oxides of ca	rbon.
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Jnsuitable extinguishing media 5.2. Special hazards arising from the Fire hazard 5.3. Advice for firefighters Protection during firefighting SECTION 6: Accidental release	 Treat for surrounding material. None known. None substance or mixture Products of combustion may inclu Keep upwind of fire. Wear full fire protection (SCBA). 	de, and are not limited to: oxides of ca fighting turn-out gear (full Bunker gear	rbon.
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Jnsuitable extinguishing media 5.2. Special hazards arising from the second	 Treat for surrounding material. None known. None known. Products of combustion may inclu Keep upwind of fire. Wear full fire protection (SCBA). 	de, and are not limited to: oxides of ca fighting turn-out gear (full Bunker gear s nded in Section 8. Isolate the hazard a	rbon.) and respiratory
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Jnsuitable extinguishing media 5.2. Special hazards arising from the Fire hazard 5.3. Advice for firefighters Protection during firefighting SECTION 6: Accidental release	Treat for surrounding material. None known. Products of combustion may inclu Keep upwind of fire. Wear full fire protection (SCBA).	de, and are not limited to: oxides of ca fighting turn-out gear (full Bunker gear s nded in Section 8. Isolate the hazard a	rbon.) and respiratory
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Jnsuitable extinguishing media 5.2. Special hazards arising from the Fire hazard 5.3. Advice for firefighters Protection during firefighting SECTION 6: Accidental release to 6.1. Personal precautions, protection General measures	 Treat for surrounding material. None known. None known. Products of combustion may inclu Keep upwind of fire. Wear full fire protection (SCBA). Measures Use personal protection recomme unnecessary and unprotected per ainment and cleaning up Contain and/or absorb spill with in container. Do not flush to sewer o 	de, and are not limited to: oxides of ca fighting turn-out gear (full Bunker gear s nded in Section 8. Isolate the hazard a	rbon.) and respiratory area and deny entry to en place in a suitable
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Jusuitable extinguishing media 5.2. Special hazards arising from the second se	 Treat for surrounding material. None known. None known. Products of combustion may inclu Keep upwind of fire. Wear full fire protection (SCBA). Measures Use personal protection recomme unnecessary and unprotected per ainment and cleaning up Contain and/or absorb spill with in container. Do not flush to sewer o Protective Equipment (PPE). 	de, and are not limited to: oxides of ca fighting turn-out gear (full Bunker gear s nded in Section 8. Isolate the hazard a sonnel. ert material (e.g. sand, vermiculite), th r allow to enter waterways. Use approp	rbon.) and respiratory area and deny entry to en place in a suitable priate Personal
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Jnsuitable extinguishing media 5.2. Special hazards arising from the start Fire hazard 5.3. Advice for firefighters Protection during firefighting SECTION 6: Accidental release to start and the start a	 Treat for surrounding material. None known. None known. Products of combustion may inclu Keep upwind of fire. Wear full fire protection (SCBA). Measures Use personal protection recomme unnecessary and unprotected per ainment and cleaning up Contain and/or absorb spill with in container. Do not flush to sewer o Protective Equipment (PPE). 	de, and are not limited to: oxides of ca fighting turn-out gear (full Bunker gear s nded in Section 8. Isolate the hazard a sonnel. ert material (e.g. sand, vermiculite), th	rbon.) and respiratory area and deny entry to en place in a suitable priate Personal
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Jusuitable extinguishing media 5.2. Special hazards arising from the Fire hazard 5.3. Advice for firefighters Protection during firefighting SECTION 6: Accidental release to S.1. Personal precautions, protection General measures 5.2. Methods and material for contration For containment Methods for cleaning up 5.3. Reference to other sections	 Treat for surrounding material. None known. None known. Products of combustion may inclu Keep upwind of fire. Wear full fire protection (SCBA). measures Use personal protection recomme unnecessary and unprotected personal protection recomme unnecessary and unprotected personal information of the series of t	de, and are not limited to: oxides of ca fighting turn-out gear (full Bunker gear s nded in Section 8. Isolate the hazard a sonnel. ert material (e.g. sand, vermiculite), th r allow to enter waterways. Use approp disposal container. Provide ventilation.	rbon.) and respiratory area and deny entry to en place in a suitable priate Personal
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Jusuitable extinguishing media 5.2. Special hazards arising from the Fire hazard 5.3. Advice for firefighters Protection during firefighting SECTION 6: Accidental release to S.1. Personal precautions, protection General measures 5.2. Methods and material for contration For containment Methods for cleaning up 5.3. Reference to other sections	 Treat for surrounding material. None known. None known. Products of combustion may inclu Keep upwind of fire. Wear full fire protection (SCBA). Measures Use personal protection recomme unnecessary and unprotected per ainment and cleaning up Contain and/or absorb spill with in container. Do not flush to sewer o Protective Equipment (PPE). 	de, and are not limited to: oxides of ca fighting turn-out gear (full Bunker gear s nded in Section 8. Isolate the hazard a sonnel. ert material (e.g. sand, vermiculite), th r allow to enter waterways. Use approp disposal container. Provide ventilation.	rbon.) and respiratory area and deny entry to en place in a suitable priate Personal
SECTION 5: Firefighting measure Suitable extinguishing media	: Treat for surrounding material. : None known. : Products of combustion may inclu : Reep upwind of fire. Wear full fire protection (SCBA). measures : Use personal protection recomme unnecessary and unprotected personal protection spill with in container. Do not flush to sewer o Protective Equipment (PPE). : Scoop up material and place in a context of the section	de, and are not limited to: oxides of ca fighting turn-out gear (full Bunker gear s nded in Section 8. Isolate the hazard a sonnel. ert material (e.g. sand, vermiculite), th r allow to enter waterways. Use approp disposal container. Provide ventilation.	rbon.) and respiratory area and deny entry to en place in a suitable priate Personal
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Jusuitable extinguishing media 5.2. Special hazards arising from the Fire hazard 5.3. Advice for firefighters Protection during firefighting SECTION 6: Accidental release to 6.1. Personal precautions, protection General measures 6.2. Methods and material for contration For containment Methods for cleaning up 6.3. Reference to other sections	: Treat for surrounding material. : None known. : Products of combustion may inclu : Reep upwind of fire. Wear full fire protection (SCBA). measures : Use personal protection recomme unnecessary and unprotected personal protection spill with in container. Do not flush to sewer o Protective Equipment (PPE). : Scoop up material and place in a context of the section	de, and are not limited to: oxides of ca fighting turn-out gear (full Bunker gear s nded in Section 8. Isolate the hazard a sonnel. ert material (e.g. sand, vermiculite), th r allow to enter waterways. Use approp disposal container. Provide ventilation.	rbon.) and respiratory area and deny entry to en place in a suitable priate Personal
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Jnsuitable extinguishing media 5.2. Special hazards arising from the Fire hazard 5.3. Advice for firefighters Protection during firefighting SECTION 6: Accidental release to 6.1. Personal precautions, protection General measures 6.2. Methods and material for contact For containment Methods for cleaning up 6.3. Reference to other sections See section 8 for further information on pro SECTION 7: Handling and storage	 Treat for surrounding material. None known. None substance or mixture Products of combustion may inclu Keep upwind of fire. Wear full fire protection (SCBA). Measures Use personal protection recomme unnecessary and unprotected personal protection recomme unnecessary and unprotected personalinent and cleaning up Contain and/or absorb spill with in container. Do not flush to sewer o Protective Equipment (PPE). Scoop up material and place in a context of the section ge Avoid contact with skin and eyes. swallow. Handle and open contair 	de, and are not limited to: oxides of ca fighting turn-out gear (full Bunker gear s nded in Section 8. Isolate the hazard a sonnel. ert material (e.g. sand, vermiculite), th r allow to enter waterways. Use approp disposal container. Provide ventilation.	rbon.) and respiratory area and deny entry to en place in a suitable priate Personal
SECTION 5: Firefighting measure 5.1. Extinguishing media Suitable extinguishing media Jnsuitable extinguishing media 5.2. Special hazards arising from the Fire hazard 5.3. Advice for firefighters Protection during firefighting SECTION 6: Accidental release for 6.1. Personal precautions, protection 6.1. Personal precautions, protection 6.1. Personal precautions, protection 6.2. Methods and material for contract For containment Methods for cleaning up 6.3. Reference to other sections See section 8 for further information on pro SECTION 7: Handling and storage 7.1. Precautions for safe handling	************************************	de, and are not limited to: oxides of ca fighting turn-out gear (full Bunker gear s nded in Section 8. Isolate the hazard a sonnel. ert material (e.g. sand, vermiculite), th r allow to enter waterways. Use approp disposal container. Provide ventilation. 13 for advice on waste disposal. Avoid breathing dust/fume/gas/mist/va	rbon.) and respiratory area and deny entry to en place in a suitable priate Personal

EN (English)



Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and wellventilated place.

7.3. Specific end use(s)

Not available.

SECTION 8: Exp	oosure controls/personal protection				
8.1. Control parameters					
Octanoic acid, pot	assium salt (764-71-6)				
ACGIH	Not applicable				
OSHA	Not applicable	Not applicable			
Glycerin (56-81-5)					
ACGIH	Not applicable				
OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m ³ (mist, total particulate) 5 mg/m ³ (mist, respirable fraction)			
Subtilisins (proteolytic enzymes) (9014-01-1)					
ACGIH	ACGIH Ceiling (mg/m ³)	0.00006 mg/m ³			

OSHA Not applicable		
NIOSH	NIOSH REL (STEL) (mg/m ³)	0.00006 mg/m ³
Amylase, .alpha (9000-90-2)		
ACGIH	Not applicable	

ACGIH		Not applicable
OSHA		Not applicable
8.2	Exposure controls	

Appropriate engineering controls	: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
Hand protection	: Wear chemically resistant protective gloves.
Eye protection	: Wear approved eye (properly fitted dust- or splash-proof chemical safety goggles) / face (face shield) protection.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	: Maintain levels below Community environmental protection thresholds.
Other information	: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: Physical and chemical properties		
9.1. Information on basic physical an	d chemical properties	
Physical state	: Liquid	
Appearance	: No data available	
Colour	: Purple	
Odour	: Lemon / Spearmint.	
Odour threshold	: No data available	
рН	: 8.5 - 9	
Melting point	: No data available	
Freezing point	: No data available	
Boiling point	: No data available	
Flash point	: No data available	
Relative evaporation rate (butylacetate=1)	: No data available	
Flammability (solid, gas)	: Not flammable	
Explosive limits	: No data available	
Explosive properties	: No data available	
10/03/2016	EN (English)	4/6

EN (English)



Safety Data Sheet according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Oxidising properties	:	No data available
Vapour pressure	:	No data available
Relative density	:	1.1
Relative vapour density at 20 °C	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available

9.2. **Other information**

No additional information available

SECTION 10: Stability and reactivity				
10.1. Reactivity				
No dangerous reaction known under conditions of normal use.				
10.2. Chemical stability				
Stable under normal storage conditions.				
10.3. Possibility of hazardous reactions				
No dangerous reaction known under conditions of normal use.				
10.4. Conditions to avoid				
Heat. Incompatible materials.				
10.5. Incompatible materials				
Oxidizing agents.				
10.6. Hazardous decomposition products				

May include, and are not limited to: oxides of carbon.

11.1. Information on toxicological effects Acute toxicity : Not classified.	SECTION 11: Toxicological information		
Acute toxicity : Not classified.	11.1. Information on toxicolo	gical effects	
	Acute toxicity	: Not classified.	

Enzymax Liquid Concentrate		
LD50 oral rat	> 2000 mg/kg (Calculated Acute Toxicity Estimate)	
LD50 dermal rabbit	> 2000 mg/kg (Calculated Acute Toxicity Estimate)	
LC50 inhalation rat	> 20 mg/l/4h (Calculated Acute Toxicity Estimate)	

Subtilisins (proteolytic enzymes) (9014-01-1)			
LD50 oral rat	3700 mg/kg		
Amylase, .alpha (9000-90-2)			
LD50 oral rat	> 7500 mg/kg		
LC50 inhalation rat	> 4.96 mg/l/4h		
Skin corrosion/irritation	: Causes skin irritation.		
Serious eye damage/irritation	: Causes serious eye irritation.		
Respiratory or skin sensitisation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.		
Germ cell mutagenicity	: Based on available data, the classification criteria are not met		
Carcinogenicity	: Based on available data, the classification criteria are not met		
Reproductive toxicity	: Based on available data, the classification criteria are not met		
Specific target organ toxicity (single exposure)	: Based on available data, the classification criteria are not met		
Specific target organ toxicity (repeated exposure)	: Based on available data, the classification criteria are not met		
Aspiration hazard	: Based on available data, the classification criteria are not met		



Symptoms/injuries after inhalation	
, , ,	 May cause respiratory tract irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/injuries after skin contact	: Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/injuries after ingestion	: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
SECTION 12: Ecological informat	ion
12.1. Toxicity	
Ecology - general	: May cause long-term adverse effects in the aquatic environment.
12.2. Persistence and degradability	
Enzymax Liquid Concentrate	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
Enzymax Liquid Concentrate	
Bioaccumulative potential	Not established.
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
Effect on global warming	: No known effects from this product.
SECTION 13: Disposal consideration	tions
13.1. Waste treatment methods	
Naste disposal recommendations	: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.
SECTION 14: Transport information	on
Department of Transportation (DOT) and ⁻	Transportation of Dangerous Goods (TDG)
n accordance with DOT and TDG	
Not regulated for transport	
Additional information	
Other information	: No supplementary information available.
Special transport precautions	
special transport precautions	: Do not handle until all safety precautions have been read and understood.
SECTION 15: Regulatory informat	tion
15.1. Federal regulations	
All components of this product are listed, or Control Act (TSCA) inventory.	r excluded from listing, on the United States Environmental Protection Agency Toxic Substances
All components of this product are listed, or Substances List) inventories.	r excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic
15.2. US State regulations	
Enzymax Liquid Concentrate	
State or local regulations	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm
SECTION 16: Other information	
Date of issue	: 10/03/2016
Revision date	: 10/03/2016
Other information	: None.
	. 1010.

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

