



LIQUILIVE Bacteria Drainzyme Treatment

Version Number: 1

Preparation date: 2011-03-31

1. PRODUCT AND COMPANY IDENTIFICATION	
Product name:	LIQUILIVE Bacteria Drainzyme Treatment
MSDS #:	MS0600045
Product Code:	U22665v2, U22666v2, U22668v2, U22668v3, U22665v3
Recommended use:	Specialty Cleaner .
Manufacturer, importer, supplier:	Unisource Worldwide, Inc. 6600 Governors Lake Parkway Norcross, GA 30071 Phone: 1-800-864-7687 MSDS Internet Address: www.unisourceworldwide.com
Emergency telephone number:	1-888-660-6737

2. HAZARDS IDENTIFICATION	
<b>EMERGENCY OVERVIEW</b> CAUTION MAY BE MILDLY IRRITATING TO EYES	
Principal routes of exposure:	Eye contact Skin contact Inhalation
Eye contact:	May be mildly irritating to eyes
Skin contact:	None known
Inhalation:	None known
Ingestion:	None known

3. COMPOSITION/INFORMATION ON INGREDIENTS	
Hazardous components	None

4. FIRST AID MEASURES	
Eye contact:	Flush immediately with plenty of water If irritation develops, get medical attention
Skin contact:	Rinse with plenty of water
Inhalation:	No specific first aid measures are required
Ingestion:	No specific first aid measures are required
Aggravated Medical Conditions:	None known

5. FIRE-FIGHTING MEASURES	
Suitable extinguishing media:	The product is not flammable Extinguish fire using agent suitable for surrounding fire
Specific hazards:	Not applicable
Unusual hazards:	None known
Specific methods:	No special methods required
Special protective equipment for firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Extinguishing media which must not be used for safety reasons:	No information available

6. ACCIDENTAL RELEASE MEASURES
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<b>Personal precautions:</b>	Not relevant for the product itself
<b>Environmental precautions and clean-up methods:</b>	Clean-up methods - large spillage Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container Use a water rinse for final clean-up

### 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with eyes, open cuts or sores. Wash thoroughly after handling. Avoid use and contact of product with immunocompromised individuals. Do not reuse this packaging for storing beverages or liquids Do not spray product into the air Do not apply to food contact surfaces
FOR COMMERCIAL AND INDUSTRIAL USE ONLY.	
<b>Storage:</b>	Protect from freezing Keep tightly closed in a dry, cool and well-ventilated place KEEP OUT OF REACH OF CHILDREN

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures to reduce exposure:</b> No special ventilation requirements General room ventilation is adequate	
<b>Personal Protective Equipment</b>	
<b>Eye protection:</b>	No special requirements under normal use conditions
<b>Hand protection:</b>	No special requirements under normal use conditions
<b>Skin and body protection:</b>	No special requirements under normal use conditions
<b>Respiratory protection:</b>	No special requirements under normal use conditions
<b>Hygiene measures:</b>	Handle in accordance with good industrial hygiene and safety practice

**Personal protective equipment**    None / Aucune / Ninguno

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Aqueous solution
<b>Bulk density:</b>	No information available	<b>Specific gravity:</b>	0.998
<b>Elemental Phosphorus:</b>	0 % by wt.	<b>Vapor density:</b>	No information available
<b>Evaporation Rate</b>	No information available	<b>Solubility:</b>	Completely Soluble
<b>VOC:</b>	0 % *	<b>Viscosity:</b>	No information available
<b>Density:</b>	8.32 lbs/gal 0.998 Kg/L	<b>pH:</b>	6.95
<b>Dilution pH: 6.95 @ RTU</b>			
<b>Partition coefficient (n-octanol/water):</b>	No information available		
<b>Solubility in other solvents:</b>	No information available		
<b>Color:</b>	Milky White		
<b>Odor:</b>	Floral		
<b>Boiling point/range:</b>	Not determined		
<b>Melting point/range:</b>	Not determined		
<b>Flash point:</b>	> 200 °F > 93.4 °C		
<b>Decomposition temperature:</b>	Not determined		
<b>Autoignition temperature:</b>	No information available		

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	The product is stable	
<b>Polymerization:</b>	Hazardous polymerization does not occur	
<b>Hazardous decomposition products:</b>	None reasonably foreseeable.	

11. TOXICOLOGICAL INFORMATION	
<b>Acute toxicity:</b>	Oral LD50 estimated to be greater than 5000 mg/kg; Dermal LD50 estimated to be > 2000 mg/kg
<b>Component Information:</b>	See Section 3
<b>Chronic toxicity:</b>	None known
<b>Specific effects</b>	
<b>Carcinogenic effects:</b>	None known
<b>Mutagenic effects:</b>	None known
<b>Reproductive toxicity:</b>	None known
<b>Target organ effects:</b>	None known

12. ECOLOGICAL INFORMATION	
<b>Environmental Information:</b>	No data available

13. DISPOSAL CONSIDERATIONS	
<b>Waste from residues / unused products:</b>	Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION	
<b>DOT/TDG:</b>	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
<b>DOT Bill of Lading Description:</b>	CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

15. REGULATORY INFORMATION	
<b>International Inventories at CAS# Level</b>	
All components of this product are listed on the following inventories: U.S.A. (TSCA)	

<b>U.S. Regulations</b>
<b>California Proposition 65:</b> This product is not subject to the reporting requirements under California's Proposition 65

SARA 311/312 Hazard Categories	
<b>Immediate:</b>	-
<b>Delayed:</b>	-
<b>Fire:</b>	-
<b>Reactivity:</b>	-
<b>Sudden Release of Pressure:</b>	-

<b>Canada</b>
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<b>WHMIS hazard class:</b>	Not for sale in Canada
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**Right To Know (RTK)**

Ingredient(s)	CAS #	NJRTK:	MARTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Bacterial Cultures	Proprietary	-	-	-	-

**CERCLA/ SARA**

16. OTHER INFORMATION							
<b>HMIS</b>	<b>Health</b>	1	<b>Fire Hazard</b>	0	<b>Reactivity</b>	0	
<b>NFPA</b>	<b>Health</b>	1	<b>Flammability</b>	0	<b>Instability</b>	0	
<b>Reason for revision:</b>		Not applicable					

<b>Prepared by:</b>	NAPRAC
<b>Additional advice:</b>	Contains an added fragrance, see "Odor" heading in section 9 for specific description
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