


# Material Safety Data Sheet


WHMIS (Pictograms)

WHMIS (Classification)

HCS

	Not a WHMIS controlled material.	Not an HCS controlled material in USA.
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## Section 1. Chemical Product and Company Identification

<b>Product Name/ Trade name</b>	<b>Enzymatic Drain Maintainer, Cleaner, and Spotter</b>	<b>Code</b>	108
<b>Synonym</b>	Liquid Bacteria / Digester/Spotter	<b>CAS #</b>	Not applicable.
<b>Chemical Family</b>	Not applicable.	<b>Validation Date</b>	1/10/2012
<b>Chemical Formula</b>	Not applicable.	<b>Print Date</b>	1/10/2012
<b>Manufacturer/ Supplier</b>	AFFLINK, LLC 1400 AFFLINK Place Tuscaloosa, AL 35406-2289 (888) 395-2206 www.afflink.com/affex	<b>In Case of Emergency</b>	(800) 424-9300
<b>Manufacturer/ Supplier</b>		<b>Protective Clothing</b> 	
<b>TSCA</b>	TSCA Inventory: All components listed or are exempt from listing.		
<b>DSL</b>	DSL : All components listed unless noted elsewhere on this MSDS		

## Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
Live Bacteria Dispersion	N/A	1 - 5	Not available.	Not available.
Alcohol Alkoxylate	68439-46-3	1 - 5	Not available.	Not available.

## Section 3. Hazards Identification

<b>Potential Acute Health Effects</b>	This product may irritate eyes upon contact.
<b>Potential Chronic Health Effects</b>	There is no known effect from chronic exposure to this product.
<b>Carcinogenic Effects</b>	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

## Section 4. First Aid Measures

<b>Eye Contact</b>	May Infect Eyes.Check for and remove any contact lenses. DO NOT use an eye ointment. Seek medical attention.
<b>Skin Contact</b>	May infect open wounds Rinse with plenty of running water. Seek medical attention.
<b>Inhalation</b>	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
<b>Ingestion</b>	May be irritating to gastrointestinal system, mouth, throat, and esophagus. Vomiting and diarrhea expected with large doses. Have conscious person drink several glasses of water or milk. Seek medical attention. Do not induce vomiting.

### Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	DO NOT use water jet. Use DRY chemicals, CO2, water spray or foam.
Special Remarks on Fire Hazards	No additional remark.
Special Remarks on Explosion Hazards	No additional remark.

### Section 6. Accidental Release Measures

Small Spill and Leak	Clean the spill area with running water.
Large Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Personal Protection in Case of a Large Spill	Safety glasses. Impervious gloves. Light protective clothing. Boots.

### Section 7. Handling and Storage

Precautions	Avoid contact with eyes. Do not ingest.
Incompatibility	Do not use in the presence of disinfectants or bleach.
Storage	Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Store in a dry, cool and well-ventilated area.

### Section 8. Exposure Controls/Personal Protection

Engineering Controls Good general ventilation should be sufficient to control airborne levels.

#### Personal Protection

*Eyes* Safety glasses.

*Body* No special protective clothing is required.

*Respiratory* A respirator is not needed under normal and intended conditions of product use.

*Hands* Gloves.

#### Protective Clothing (Pictograms)



Exposure Limits See Section 2 For Applicable Exposure Limits

### Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.	Odor	Minty.
Molecular Weight	Not applicable.	Taste	Not available.
pH	6.5-8.5	Color	White.
Boiling/Condensation Point	100°C (212°F)		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Specific Gravity	0.9931 (Water = 1)		
Vapor Pressure	not available		

<b>Vapor Density</b>	>1 (Air = 1)
<b>Volatility</b>	> 90%
<b>VOC</b>	0.0 %
<b>Evaporation Rate</b>	<1 compared to Water
<b>Dispersion Properties</b>	Not available.
<b>Solubility</b>	Not available.
<b>The Product is:</b>	Non-flammable.
<b>Auto-ignition Temperature</b>	Not available.
<b>Flash Points</b>	CLOSED CUP: >98.889°C (210°F).
<b>Flammable Limits</b>	Not available.
<b>Fire Hazards in Presence of Various Substances</b>	No specific information is available in our database regarding the flammability of this product in presence of various materials.
<b>Explosion Hazards in Presence of Various Substances</b>	Drums Heated By Fire Can explode

### **Section 10. Stability and Reactivity Data**

<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substances</b>	Do not use in the presence of disinfectants or bleach.
<b>Hazardous Decomposition Products</b>	Not determined.

### **Section 11. Toxicological Information**

<b>Routes of Entry</b>	Eyes Dermal contact.
<b>Toxicity to Animals</b>	Not determined.
<b>Acute Effects on Humans</b>	
	<i>Eyes</i> May infect eyes
	<i>Skin</i> No known acute effects of this product resulting from skin contact.
	<i>Inhalation</i> No known significant effects or critical hazards.
	<i>Ingestion</i> Hazardous in case of ingestion. Irritating to mouth, throat and stomach.
<b>Chronic Effects on Humans</b>	There is no known effect from chronic exposure to this product.
<b>Special Remarks on Toxicity to Animals</b>	No additional remark.
<b>Special Remarks on Chronic Effects on Humans</b>	No additional remark.

## Section 12. Ecological Information

Ecotoxicity Not available.

BOD5 and COD Not determined.

Products of Biodegradation Not determined.

Toxicity of the Products of Biodegradation Not available.

Special Remarks on the Products of Biodegradation No additional remark.

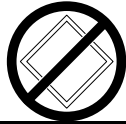
## Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Stream Not available.

## Section 14. Transport Information

DOT (U.S.A)  
(Pictograms)



TDG Classification Not controlled under TDG (Canada).



PIN UN, Proper Shipping Name, PG Not applicable.

Maritime Transportation Not available.

Special Provisions for Transport Not applicable.

## Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification) Not a WHMIS controlled material.



Regulatory Lists No products were found.

Other Regulations Not available. or of its ingredients

Other Classifications

HCS (U.S.A.) Not an HCS controlled material in USA.

USA Regulatory Lists This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm reportable under Prop 65.

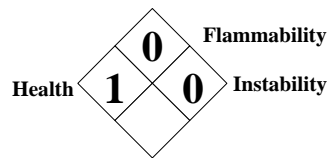
DSD (EEC) This product is not classified according to the EU regulations.

International Regulations Lists No products were found.

**Hazardous Material  
Information System  
(U.S.A.)**

Health	1
Flammability	0
Physical Hazard	0

**National Fire  
Protection  
Association  
(U.S.A.)**



The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product. Specific Hazard

**Section 16. Other Information**

Validated by LMorsch on 1/10/2012.

Verified by LMorsch.

Printed 1/10/2012.

**Information Contact** AFFLINK, LLC  
1400 AFFLINK Place  
Tuscaloosa, AL 35406-2289  
(888) 395-2206  
www.afflink.com/affex

Notice to Reader:

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.  
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

Validated on 1/10/2012.

**Enzymatic Drain Maintainer, Cleaner,  
and Spotter**

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