

Material Safety Data Sheet

WHMIS (Pictograms)




WHMIS (Classification)

WHMIS CLASS E: Corrosive liquid.

HCS

HCS Class: Corrosive liquid.

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	Low Foam Extraction Cleaner	Code	501
Synonym	Extraction Cleaner	CAS #	Not applicable.
Chemical Family	Not available.	Validation Date	1/11/2012
Chemical Formula	Not applicable.	Print Date	1/11/2012
Manufacturer/ Supplier	AFFLINK, LLC 1400 AFFLINK Place Tuscaloosa, AL 35406-2289 (888) 395-2206 www.afflink.com/affex	In Case of Emergency	(800) 424-9300
Manufacturer/ Supplier		Protective Clothing 	
TSCA	TSCA Inventory: All components listed or are exempt from listing.		
DSL	DSL : All components listed unless noted elsewhere on this MSDS		

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Anionic Surfactant	5324-84-5	<15	Not available.	Not available.
Potassium Metasilicate	1312-76-1	<15	Not available.	Not available.
Tetrasodium salt of ethylenediaminetetraacetic acid	64-02-8	<10	Not available.	ORAL (LD50): Acute: 3030 mg/kg [Rat].
Potassium Hydroxide	1310-58-3	1-5	Not available.	Not available.

Section 3. Hazards Identification

Potential Acute Health Effects	May cause severe eye irritation. Skin contact can produce inflammation and blistering. Irritating to the mucous membranes of the nose, throat and lungs. Harmful if swallowed.
Potential Chronic Health Effects	Repeated skin exposure can produce local skin destruction, or dermatitis.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4. First Aid Measures

Eye Contact	Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek immediate medical attention.
Skin Contact	Remove contaminated clothing. Flush affected area with water. Seek medical attention if irritation persists.
Inhalation	Get to fresh air. Seek medical attention if irritation persists.
Ingestion	Do not induce vomiting. Drink a large quantity of water. Seek medical attention immediately.

Section 5. Fire Fighting Measures

Products of Combustion Not available.

Fire Fighting Media and Instructions N/A

Special Remarks on Fire Hazards N/A

Special Remarks on Explosion Hazards N/A

Section 6. Accidental Release Measures

Small Spill and Leak Absorb with an inert material and place in an appropriate waste disposal container.

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 Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section 7. Handling and Storage

Precautions After handling, always wash hands thoroughly with soap and water. Avoid contact with skin and eyes. DO NOT ingest.

Incompatibility Strong acids.

Storage Keep out of reach of children. Keep only in the original container. For Institutional and Commercial Use

Section 8. Exposure Controls/Personal Protection

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

Personal Protection

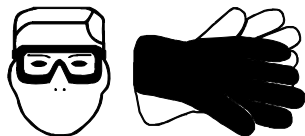
Eyes Splash goggles.

Body Long Sleeves and pants to avoid skin contact.

Respiratory Wear appropriate respirator when ventilation is inadequate.

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. (Hazy liquid.)

Odor Pleasant. (Slight.)

Molecular Weight Not applicable.

Taste Not available.

pH 12 to 13 [Basic.]

Color Green.

Boiling/Condensation Point 214°F initial

Melting/Freezing Point Not available.

Critical Temperature Not available.

Instability Temperature Not available.

Specific Gravity 1.1 (Water = 1)

Vapor Pressure	20mm Hg @ 68°F
Vapor Density	>1 (Air = 1)
Volatility	75
VOC	Not available.
Evaporation Rate	<1
Dispersion Properties	See solubility in water.
Solubility	Easily soluble in cold water.
The Product is:	May be combustible at high temperature.
Auto-ignition Temperature	Not available.
Flash Points	> 200 F.
Flammable Limits	Not available.
Fire Hazards in Presence of Various Substances	No specific information is available in our database regarding the flammability of this product in presence of various materials.
Explosion Hazards in Presence of Various Substances	Not applicable

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	Strong acids.
Hazardous Decomposition Products	Will not occur.

Section 11. Toxicological Information

Routes of Entry	Eye contact.
Toxicity to Animals	Acute oral toxicity (LD50): 3030 mg/kg [Rat]. (Tetrasodium EDTA).
Acute Effects on Humans	<p><i>Eyes</i> Corrosive to eyes.</p> <p><i>Skin</i> Corrosive to the skin.</p> <p><i>Inhalation</i> Vapors may be irritating to mucous membranes in the nose, throat, and lungs.</p> <p><i>Ingestion</i> Irritating to the mouth, throat, and gastrointestinal system. Large doses may cause vomiting and diarrhea.</p>
Chronic Effects on Humans	Repeated skin exposure can produce local skin destruction, or dermatitis.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remark.

Section 13. Disposal Considerations

Waste Information	Any method in accordance with applicable laws.
Waste Stream	Not available.

Section 14. Transport Information

DOT (U.S.A)
(Pictograms)



TDG Classification TDG Class 8: Corrosive liquid.



PIN UN, Proper Shipping Name, PG 1760 Corrosive liquid n.o.s.

Maritime Transportation Not available.

Special Provisions for Transport Not applicable.

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification) WHMIS CLASS E: Corrosive liquid.



Regulatory Lists No products were found.

Other Regulations OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications

HCS (U.S.A.) HCS Class: Corrosive liquid.

USA Regulatory Lists

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Potassium Hydroxide: immediate health hazard

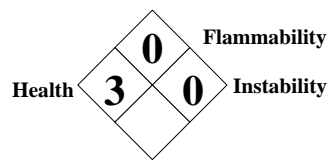
DSD (EEC)

International Regulations Lists No products were found.

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

Health	3
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 1/11/2012.

Verified by LMorsch.

Printed 1/11/2012.

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 1/11/2012.

Low Foam Extraction Cleaner

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