

MATERIAL SAFETY DATA SHEET

MAGNAVIS® Magnetic Particle 1 GRAY

1. **IDENTIFICATION**

Company: MAGNAFLUX
Address: 3624 West Lake Avenue, Glenview, Illinois 60025
Telephone No.: 847-657-5300 (Off-Hour Emergency Number - CHEMTREC - 1-800-424-9300).
Product Use: Dry method magnetic particle inspection.
Packages: 1 lb. plastic jar, 7 lb., 25 lb., and 45 lb. plastic pails.
NFPA Rating: Health 1, Flammability 0, Reactivity 0.
PIN (Canada): None
Revision Date: September 8, 2011

2. **HAZARDOUS INGREDIENTS**

<u><i>Ingredient</i></u>	<u><i>Wt./Wt. %</i></u>	<u><i>CAS #</i></u>	<u><i>TLV</i></u>	<u><i>PEL</i></u>	<u><i>LD₅₀</i></u>	<u><i>LC₅₀</i></u>
Titanium Dioxide	5-15	13463-67-7	10 mg/m3	15 mg/m3		>1000 mg/l fathead minnow

3. **HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW

Dusty and gritty powder which can mechanically irritate the eye and respiratory tract.

POTENTIAL HEALTH EFFECTS

Skin Contact: Avoid prolonged skin contact
Eyes: Gritty material may scratch eyeball
Inhalation: over exposure by inhalation may cause respiratory irritation.
Ingestion: Unknown
Medical conditions known to be aggravated by exposure to product: Repeated inhalation of dust can produce varying degrees of respiratory irritation or lung damage.

4. **FIRST AID**

Skin Contact: Wash with soap and water, use soothing lotion.
Eyes: Rinse carefully under upper and lower eyelids using plenty of water.
Inhalation: Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting.

NOTE: In all severe cases, contact physician immediately. Local telephone operators can furnish number of regional poison control center.

5. **FIRE HAZARD**

Conditions of flammability: None
Flash point: None
Flammable limits in air: None
Extinguishing media: None
Special fire fighting procedures: None
Hazardous combustion products: None
Unusual fire hazards: None

6. **ACCIDENTAL RELEASE MEASURES**

Sweep up. (For disposal, see Section 13).

7. **HANDLING AND STORAGE**

Avoid breathing dust.
Keep dry.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Controls: None.
Personal protection: Respirator with filter if sprayed in enclosed, unventilated space.

9. PHYSICAL PROPERTIES

<i>Initial boiling point (bulk):</i>	Not applicable	<i>Vapor pressure:</i>	Not applicable
<i>Percent volatile:</i>	None	<i>Vapor density:</i>	Not applicable
<i>Density/sp. gravity:</i>	3.0 - 4.0	<i>Evaporation rate:</i>	Not applicable
<i>Water solubility:</i>	0	<i>Appearance:</i>	Gray dusty powder
<i>pH:</i>	Neutral	<i>Odor:</i>	None

10. STABILITY AND REACTIVITY

<i>Stability:</i>	Stable
<i>Incompatibility:</i>	Acids
<i>Hazardous decomposition products:</i>	None
<i>Reactivity:</i>	None

11. TOXICOLOGICAL INFORMATION

<i>Carcinogenicity:</i>	Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.
<i>Threshold limit value:</i>	5 mg/m ³ for respirable dust.
<i>WHMIS information (Canada):</i>	According to available information, the ingredients have not been found to show reproductive toxicity, teratogenicity, mutagenicity, skin sensitization, or synergistic toxic effects with other materials.

12. ECOLOGICAL INFORMATION

No data is available on 1 Gray.

13. DISPOSAL

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. .

14. TRANSPORTATION**U.S. DOT: 49 CFR 172.101 Hazardous Materials Table**

	<u>Bulk</u>
<i>Proper shipping name:</i>	None, not restricted
<i>Hazard class or division:</i>	None
<i>Identification No.:</i>	None
<i>Packing Group:</i>	None

15. REGULATORY INFORMATION

<i>TSCA:</i>	All ingredients are listed in TSCA inventory.
<i>CERCLA:</i>	Not reportable
<i>SARA TITLE III, Section 313:</i>	No reportable ingredients
<i>California Proposition 65:</i>	Contains Titanium Dioxide which is known to the state of California to cause cancer.
<i>WHMIS Class (Canada):</i>	Not a controlled product.
Note: This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.	

16. OTHER INFORMATION

<i>Revision Statement:</i>	Section 2 and 15
<i>Supersedes:</i>	MSDS April 15, 2011

Material Safety Data Sheet



HEALTH

HMIS®

2

REACTIVITY

0

FLAMMABILITY

3

PERSONAL PROTECTION

B

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Identity: Brite-Mark Yellow Item No.: 40006, 41006, 84004 Other Names: 916, PM40, and Fine line Formula: A719M	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
Another Exclusive Product of: ITW Dykem	Emergency Telephone Number 1-800-535-5053 (Domestic), 1-352-323-3500 (International)
Address (Number, Street, City, State, and ZIP Code) 805 East Old 56 Highway Olathe, KS 66061-4914	Telephone Number for Information 1-800-443-9536 or 1-913-397-9889
Product Class: Solvent based marker.	Date Prepared 5/05/10
	Signature of Preparer (Optional) Regulatory Dept.

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	%(Opt.)
Butyl Acetate	123-86-4	TWA 150 ppm	TWA 150 ppm	No data	45 - 55
1-Methoxy-2-Propanol Acetate	108-65-6	No data	No data	No data	20 - 30
Diarylide Yellow	5468-75-7	No data	No data	Nuisance dust*	10 - 20
Aromatic Naptha, Light	64742-95-6	TWA 100ppm	No data	No data	1 - 10
Titanium Dioxide	13463-67-7	TWA 10 mg/m3	TWA 10 mg/m3	Nuisance Dust*	1 - 10

*Nuisance dust as free dust only, not as bound in paint or ink.

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW –Yellow opaque thin viscosity liquid with sweet odor. **Warning! Flammable liquid and vapor.** Keep away from heat sparks and flames. May cause eye, skin and respiratory tract irritation. If swallowed do not induce vomiting. Get immediate medical attention.

POTENTIAL HEALTH EFFECTS

Eyes: Liquid is moderately irritating to the eyes.

Skin: Liquid is mildly irritating to the skin.

Ingestion: Ingestion of liquid may cause vomiting.

Inhalation: High concentration of vapors may produce irritation of the respiratory tract, headache, dizziness, and nausea.

CHRONIC HEALTH EFFECTS

Prolonged or repeated contact may cause skin sensitization or dermatitis. Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage. Intentional misuse by deliberately concentrating or inhaling this product may be harmful or fatal. IARC (International Agency for Research of Cancer) has classified Titanium Dioxide as a possible human carcinogen (2B).

SECTION 4 FIRST AID MEASURES

Eyes – Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation – Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Skin – Flush skin with plenty of water. Remove contaminated clothing and shoes.

Ingestion – If large quantities of this material are swallowed, get immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point (Method Used) 81° F	Flammable Limits	LEL 1.7	UEL 7.6
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Extinguishing Media -

Use water fog, foam, dry chemical or CO₂. Use water spray to cool fire-exposed containers and to protect personnel.

Special Fire Fighting Procedures -

Keep containers cool and vapors down with water spray. Prevent spill from entering drains, sewers, streams or other bodies of water. If run-off occurs, notify proper authorities. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots); including a positive pressure NIOSH approved self-contained breathing apparatus.

Unusual Fire and Explosion Hazards – Vapors are heavier than air and may travel along ground, or be moved by ventilation and be ignited by ignition source.

SECTION 6 ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb liquid with non-combustible floor absorbent and place in non-leaking container; seal properly and dispose of properly in compliance with federal, state, and local regulations.

LARGE SPILL: Evacuate area of unprotected personnel. Eliminate all ignition sources. Stop spill at source if safe to do so. Handling equipment must be grounded to prevent sparking. Prevent spill from entering drains, sewers, streams or other bodies of water. If run-off occurs, notify proper authorities. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal. Dispose of properly in compliance with federal, state, and local regulations.

SECTION 7 HANDLING AND STORAGE

HANDLING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, sparks, flames, static electricity, or other sources of ignition. Many hot organic chemical vapors or mists are susceptible to sudden spontaneous combustion when mixed with air. Ignition may occur at temperatures below those published in the literature as “autoignition” or ignition temperatures. Ignition temperatures decrease with increasing vapor volume and vapor volume and vapor/air contact time, and are influenced by pressure changes. Ignition of organic chemical vapors may occur at typical elevated-temperature process conditions, especially in processes operating under vacuum if subjected to sudden ingress of air, or outside process equipment operating under elevated pressure if sudden escape of vapors or mists to the atmosphere occurs. Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

STORAGE:

Keep away from heat, sparks and open flames. Keep out of reach of children. Keep container tightly sealed when not in use. Store in cool, well-ventilated place away from incompatible materials. Information on this Material Safety Data Sheets refers to ink used in pens and markers; however, it applies to these inks in bulk. The inks are contained in capillary or valve reservoirs and will not spill or leak under normal conditions.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Type) –

Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

Engineering Controls	Local Exhaust	Not usually needed	Special	None
	Mechanical (General)	Yes	Other	None

Protective Gloves – Chemical resistant gloves if skin contact is possible (consult your safety equipment supplier).

Eye Protection – Not normally required if used as intended. Wear chemical splash goggles in compliance with OSHA regulation if splashing is possible.

Other Protective Clothing or Equipment -

Not usually necessary. For bulk material, if direct contact is possible, wear apron, boots, face shield, etc. as needed.

Work/Hygienic Practices -

Follow label instructions. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	252°F	Specific Gravity (H₂O = 1) @70° F	>1
Vapor Pressure (mm-Hg @ 70° F)	No Data	Melting Point	No Data
Vapor Density (AIR = 1)	Greater than one (1)	Evaporation Rate (Butyl Acetate = 1)	Less than one (1)
Solubility in Water	Slight	pH	No Data

Appearance and Odor – Yellow opaque thin viscosity liquid with sweet odor.

VOC: This product contains 716 grams per liter or 68.20% by weight VOC's.

SECTION 10 STABILITY AND REACTIVITY

Chemical	Unstable		Conditions to Avoid – None known.
Stability	Stable	X	

Incompatibility (Materials to Avoid) -

Strong oxidizing and reducing agents, strong alkalies and strong acids.

Hazardous Decomposition or Byproducts -

Carbon dioxide, carbon monoxide, smoke, soot and various organic oxidation by-products.

Hazardous Polymerization	May Occur		Conditions to Avoid - No data
	Will Not Occur	X	

SECTION 11 TOXICOLOGICAL INFORMATION

	<u>Oral LD50 (Rat)</u>	<u>Dermal LD50 (Rabbit)</u>	<u>Inhalation LC50 (Rat)</u>
Butyl Acetate	No data	No data	No data
1-Methoxy-2-Propanol Acetate	>1000 mg/kg	No data	No data

Please refer to Section 3 for available information on potential health effects.

SECTION 12 ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local, state and federal regulations.

SECTION 14 TRANSPORT INFORMATION (Not meant to be all inclusive)

Domestic Highway (Containers < 1 Quart are ORM-D)	Domestic Air Shipments (Pens)
Proper Shipping Name: Paint	Proper Shipping Name: Varies
Hazard Class/Subsidiary Hazard: 3	Hazard Class/Subsidiary Hazard: Varies
UN/NA No.: UN1263	UN/NA No.: Varies
Packing Group: III	Packing Group: Varies
Label Required: Flammable Liquid (3)	Label Required: Varies

SECTION 15 REGULATORY INFORMATION (Not meant to be all inclusive - selected regulations represented)**U.S. FEDERAL REGULATIONS:**

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	2B	No

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

SECTION 313: This product does not contain toxic chemicals that are listed and may require reporting under SARA Title III Sec. 313 if used over the threshold reporting quantity. This information must be included in all MSDSs that are copied and distributed for this material.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: B2, D2B, D2A

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: Warning: This product contains trace quantities of Antimony, Chromium, Lead, and Toluene, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 16 OTHER INFORMATION

MSDS Status: Revised Section(s): 5/1/07 Updated Section 2. Updated Section 3. Updated Section 5. Updated Section 9. Updated Section 11. Updated Section 14. Updated Section 15.
Updated W/current date 5/05/10.

WARNING! The use of this product is beyond the control of the manufacturer and distributor; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer and distributor warrant only that this product meets the specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER OF THIS PRODUCT. THE MANUFACTURER AND DISTRIBUTOR SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer and distributor for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.

MATERIAL SAFETY DATA SHEET

MAGNAVIS® MAGNETIC PARTICLE 8A RED

1. IDENTIFICATION

Company: MAGNAFLUX
Address: 3624 West Lake Avenue, Glenview, Illinois 60026
Telephone No.: 847-657-5300 (Off-Hour Emergency Number - CHEMTREC - 1-800-424-9300).
Product Use: Dry method magnetic particle inspection.
Packages: 1 lb. plastic jar, 7 lb., 25 lb., and 45 lb. plastic pails.
NFPA Rating: Health 1, Flammability 0, Reactivity 0.
PIN (Canada): None
Revision Date: November 13, 2006

2. HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>Wt./Wt. %</u>	<u>CAS #</u>	<u>TLV</u>	<u>PEL</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
Iron oxide	5-10	1309-37-1	5 mg/m ³	5 mg/m ³	>5g/kg(oral/rat)	not avail.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Dusty and gritty powder which can mechanically irritate the eye.

POTENTIAL HEALTH EFFECTS

Skin Contact: Avoid prolonged skin contact
Eyes: Gritty material may scratch eyeball
Inhalation: Not significant
Ingestion: Unknown
Medical conditions known to be aggravated by exposure to product: None

4. FIRST AID

Skin Contact: Wash with soap and water, use soothing lotion.
Eyes: Rinse carefully under upper and lower eyelids using plenty of water.
Inhalation: None.
Ingestion: Do not induce vomiting.
NOTE: In all severe cases, contact physician immediately. Local telephone operators can furnish number of regional poison control center.

5. FIRE HAZARD

Conditions of flammability: None.
Flash point: None.
Flammable limits in air: None.
Extinguishing media: None.
Special fire fighting procedures: None.
Hazardous combustion products: None.
Unusual fire hazards: None.

6. ACCIDENTAL RELEASE MEASURES

Sweep up. (For disposal, see Section 13).

7. HANDLING AND STORAGE

Avoid breathing dust.
Keep dry.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Controls: None.
Personal protection: Respirator with filter if sprayed in enclosed, unventilated space.

9. **PHYSICAL PROPERTIES**

<i>Initial boiling point (bulk):</i> Not applicable	<i>Vapor pressure:</i> Not applicable	
<i>Percent volatile:</i> None	<i>Vapor density:</i> Not applicable	
<i>Density/sp. gravity:</i> 3.0 - 4.0	<i>Evaporation rate:</i> Not applicable	
<i>Water solubility:</i> 0	<i>Appearance:</i> Reddish brown dusty powder	
<i>pH:</i> Neutral		<i>Odor:</i> None

10. **STABILITY AND REACTIVITY**

<i>Stability:</i>	Stable
<i>Incompatibility:</i>	Acids
<i>Hazardous decomposition products:</i>	None
<i>Reactivity:</i>	None

11. **TOXICOLOGICAL INFORMATION**

<i>Carcinogenicity:</i>	Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.
<i>Threshold limit value:</i>	5 mg/m ³ for respirable dust.
<i>WHMIS information (Canada):</i>	According to available information, the ingredients have not been found to show reproductive toxicity, teratogenicity, mutagenicity, skin sensitization, or synergistic toxic effects with other materials.

12. **ECOLOGICAL INFORMATION**

No data is available on 8A Red.

13. **DISPOSAL**

Dispose of as ordinary waste.

<i>RCRA:</i>	Not a hazardous waste
<i>U.S. EPA Waste Number:</i>	None

14. **TRANSPORTATION**

U.S. DOT: 49 CFR 172.101 Hazardous Materials Table

	<u>Bulk</u>
<i>Proper shipping name:</i>	None, not restricted
<i>Hazard class or division:</i>	None
<i>Identification No.:</i>	None
<i>Packing Group:</i>	None

15. **REGULATORY INFORMATION**

<i>TSCA:</i>	All ingredients are listed in TSCA inventory.
<i>CERCLA:</i>	Not reportable
<i>SARA TITLE III, Section 313:</i>	No reportable ingredients
<i>California Proposition 65:</i>	Contains nothing on this list
<i>WHMIS Class (Canada):</i>	Not a controlled product.

Note: This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

16. **OTHER INFORMATION**

<i>Revision Statement:</i>	Review
<i>Supersedes:</i>	MSDS dated November 12, 2003
<i>Prepared by:</i>	Tamie Simmons, R&D Manager

Section 1 – Product and Company Identification

Product(s): **SCRUBS® Hand Cleaner Towels**
Formula: B422
Part Number(s): 42201, 42210, 42225, 42230, 42256, 42260, 42272, 42280

Company Name & Address: 
805 E. Old 56 Hwy.
Olathe, KS 66061
800-443-9536 (8 a.m. – 5 p.m. Weekdays, CDT)

Emergency Numbers: **IN CASE OF EMERGENCY, CALL Infotrac @ 1-800-535-5053, 24 hrs.**
INTERNATIONAL EMERGENCY NUMBER 352-323-3500
Poison Control Center: 1-800-222-1222

Material Safety Data Sheets: www.dymon.com

Section 2 – Hazards Identification

CAUTION. May cause mild eye or skin irritation.

Potential Health Effects:

EYES:	May cause mild eye irritation.
SKIN:	May cause mild skin irritation.
INHALATION:	Not a likely exposure route.
INGESTION:	Not a likely exposure route.
Signs/symptoms of exposure: redness, tearing or burning in eyes. Redness, burning, drying or cracking of skin. Irritation of the throat or stomach, nausea, vomiting, diarrhea if swallowed. Medical conditions generally aggravated by exposure: pre-existing skin conditions such as dermatitis may be adversely affected by this and other oil and grease effective cleaners.	

HMIS Rating Health – 1 Flammability – 1 Reactivity – 0 Personal Protection – None

Section 3 – Composition/Information on Ingredients

Ingredient	CAS Number	Percent Range
Water	7732-18-5	60 – 100
D-Limonene (R-p-mentha, 1, 8-diene)	5989-27-5	5 – 13
Ethoxylated Alcohols (C12-15 pareth-7)	68131-39-5	1 – 5
Sodium Lauryl Sulfate	151-21-3	1 – 5
Fragrance	Mixture	1 – 5

Any substance listed as hazardous by the states of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

Section 4 – First Aid Measures

EYES:	Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. If irritation persists seek medical attention.
SKIN:	None usually required. Material is designed for skin cleansing. If symptoms develop seek medical attention.
INHALATION:	Unlikely route as liquid is impregnated on a towel, minimizing exposure via this route. If overexposed move to fresh air. If symptoms develop seek medical attention.
INGESTION:	Not a likely exposure route. If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center immediately.

Section 5 – Fire Fighting Measures

Flashpoint (PMCC):	None to boiling, solution on towel.
Extinguishing Media:	Dry chemical, carbon dioxide, foam, fog or water spray.
Special Fire Fighting Procedures:	Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways.
Hazardous Products of Combustion:	Carbon monoxide, carbon dioxide, various hydrocarbons, hydrogen sulfide, sulfur dioxide and soot.

Section 6 – Accidental Release Measures

Small spill:	Wipe up small releases with a dry absorbent cloth or other absorbent material.
Large spill:	Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers and drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal.

Section 7 – Handling and Storage

Handling:	Do not allow towel contact with eyes. For external use only. Not for use around the mouth or eyes for an extended period of time. Do not smoke while using. Use from original container only and follow label directions carefully. Follow good chemical hygiene practices when handling this material.
Storage:	Keep container closed when not in use. Keep away from heat sources. Store in a cool well-ventilated area. Keep out of reach of children. Do not contaminate water, food or feed by use or storage. Keep from freezing.

Section 8 – Exposure Controls/Personal Protection

Engineering controls:	Ventilation not usually necessary but should be provided in the event of overexposure.
Exposure limits:	D-Limonene (CAS# 5989-27-5): 30 ppm, Manufacturer's recommendation
Eye protection:	None necessary. Do not allow towel to directly contact eyes.
Skin protection:	None necessary. Product is designed for direct skin use.
Respiratory protection:	Not usually necessary. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator.

Section 9 – Physical and Chemical Properties

Appearance and Odor:	White opaque liquid with a fresh citrus scent saturated onto towels.	
pH: 9.8 +/- 0.5	Boiling Point: 212 F	Specific Gravity: 0.986
Vapor Density: >1	Vapor Pressure: No Data	Solubility in Water: Miscible
Evaporation Rate: No Data	Volatile Organic Compounds (VOCs): ≤ 8% by weight	

Section 10 – Stability and Reactivity

Hazardous Polymerization:	This product will not undergo hazardous polymerization.
Hazardous Decomposition or Byproducts:	Carbon monoxide, carbon dioxide, hydrogen sulfide, sulfur dioxide and soot.
Chemical Stability:	Stable
Incompatible Materials:	Strong oxidizers and strong acids.

Section 11 – Toxicological Information

D-Limonene, CAS# 5989-27-5
 Acute Dermal LD50 >5g/kg, rabbit; Acute Oral LD50 >5g/kg, rat; Inhalation RD50 >1000ppm
 Ethoxylated Alcohols, CAS# 68131-39-5
 Acute Dermal LD50 <5g/kg, rabbit; Acute Oral LD50 1.6-2.7g/kg, rat
 Sodium Lauryl Sulfate, CAS# 151-21-3
 Dermal 25mg/24hr=moderate, rabbit; Oral LD50 1288mg/kg, rabbit
 Eyes 100mg/24hr=moderate, rabbit

Section 12 – Ecological Information

Ethoxylated Alcohols, CAS# 68131-39-5
 96 hr fathead minnow static acute LC50:2.7mg/L; 48 hr Daphnia acute EC50:0.4-0.75 mg/L

Section 13 – Disposal Considerations

Dispose of in accordance with all applicable local, state, and federal regulations.

Waste information: If this product becomes a waste, it would not be hazardous as defined by RCRA (40CFR261). However the waste should be properly evaluated in case of modification prior to disposal.

Section 14 – Transport Information

The following transportation information is based on Department of Transportation Regulations found in 49 CFR. If shipping this product by air please refer to International Air Transport Association (IATA) Dangerous Goods Regulations. If shipping this product by ocean please refer to International Maritime Dangerous Goods Regulations (IMDG). To find how to ship this product please refer to the UN# listed below.

	UN #	Proper Shipping Description	Hazard Class	Packing Group
DOT Information	None	Not Regulated	None	None

Marine Pollutants: None

Section 15 – Regulatory Information

US Federal Regulations

Toxic Substances Control Act (TSCA): All ingredients are on the TSCA inventory or exempt from listing.

CERCLA RQ

None

SARA 313 Components

None

State and Local Regulations

California Proposition 65

None

NSF Registration Category Code

E4, #138879

Section 16 – Other Information

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, AND MERCHANTABILITY. FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.