

SAFETY DATA SHEET

HMIS:

Health- 1 Flammability- 1 Reactivity- 0 Pers.
Protection- B

NFPA:

Health- 1 Flammability- 1 Reactivity- 0 Special Hazard-
N

WHMIS: D 2 B

Section 1: Product and Company Identification

Product: Grease Magic Fiber-Safe

Synonyms: Liquid Extraction Cleaner

GREASE MAGIC

Berkley, Michigan 48072

www.greasmagic.com

Non-Emergency:

24 hr Emergency Spill Information:

US

International

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Pale yellow liquid, citrus aroma

NOT Classified as hazardous by the criteria of NOHSC.



WARNING

Flammability :

Not classified as flammable

Health Hazards Listed : May be a mild irritant

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Risk Phrases:

R36/37/38 - Irritating to eyes, respiratory system and skin

Safety Phrases:

S2 - Keep out of the reach of children

S13 - Keep away from food, drink and animal feedingstuffs

S37/39 - Wear suitable gloves and eye/face protection

Hazard Phrases:

H303 - May be harmful if swallowed

H335 - May cause respiratory irritation

Precautionary Phrases:

P233 - Keep container tightly closed.

P234 - Keep only in original container.

P235 - Keep cool.

Likely Routes of Exposure: Skin, eyes

Eye: Direct exposure can irritate
 Skin: Prolonged exposure can irritate
 Ingestion: Not expected to be a problem
 Inhalation: Not likely to be a problem

Medical Conditions Aggravated By Exposure:

Allergies to fragrances

Target Organs: None known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Environmental Effects: (See section 12 for more information.)

None known

Section 3. Composition/Information on Ingredients

| Component | CAS# | % by Weight | WHMIS Controlled |
|-----------------------------------------|------------|-------------|------------------|
| Linear alcohol polyethoxylates | 68439-46-3 | 7 - 13 | N |
| Water | 7732-18-5 | 80 - 100 | N |
| Organic phosphate esters, acid | 68130-47-2 | 1 - 5 | N |
| Sodium Metasilicate | 6834-92-0 | 0.5 - 1.5 | Y |
| Tetrasodium Ethylenediaminetetraacetate | 64-02-8 | 0.1 - 1.0 | N |

Section 4. First Aid Measures

Eye Contact: Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician.
 Skin Contact: Wash with soap and water.
 Inhalation: Remove to fresh air.
 Ingestion: Give water or milk to drink if conscious

Note to Physicians:

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Water, foam, carbon dioxide, dry chemical
 Unsuitable Extinguishing Media: None known
 Products of Combustion: Oxides of carbon, nitrogen, phosphorus
 Protection of Firefighters: As for surrounding fire

Section 6. Accidental Release Measures

Personal Precautions: Keep away from skin and eyes
 Environmental Precautions: Keep out of surface waters
 Methods for Containment: Dike area with sand, clay or other suitable material.
 Methods for Clean-Up: Absorb with sand, clay or other suitable material.

Other Information:

Section 7. Handling and Storage

HANDLING

Reasonable care. Keep away from skin and eyes.

STORAGE

Keep out of the reach of children. Store in original container at ambient conditions.

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

| COMPONENT: | TWA: | LD-50 |
|-----------------------------------------|------------------|----------------|
| Linear alcohol polyethoxylates | None established | 2700 mg/kg |
| Water | Not applicable | Not applicable |
| Organic phosphate esters, acid | None established | 1530 mg/kg |
| Sodium Metasilicate | None established | 1500 mg/kg |
| Tetrasodium Ethylenediaminetetraacetate | None established | ≥ 630 mg/kg |

Engineering Controls: Not normally necessary

Eye/Face Protection: Protective goggles recommended if handling large quantities

Skin Protection: Rubber or other protective gloves recommended if handling large quantities

Respiratory Protection: Not normally necessary

General Hygiene Considerations: Keep out of food and beverages

Section 9. Physical and Chemical Properties

| | |
|------------------------------------------|-------------------------------------------|
| Color: Pale yellow | Odor: Mild citrus |
| Physical State: Liquid | Odor Treshhold: |
| pH: 10 - 12 | Freezing Point: Not determined |
| Evaporation Rate: As water | Boiling Point: >100C / >212F |
| Flash Point: >205 F PMCC | Flammability(solid,gas): Not applicable |
| Upper Flammability Limit: Not determined | Lower Flammabilty Limit: Not determined |
| Vapor Pressure: As water | Specific Gravity: 1.02 |
| Vapor Density: Not determined | Auto-ignition Temperature: Not determined |
| Volatile Organic Compound (VOC),%weight: | Solubility (water): Soluble |
| Less than 2 | Percent Volatile: 80 - 90 including water |

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatable Materials: Strong acids

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Will not occur

Section 11. Toxicology Information

ACCUTE EFFECTS

| | |
|------------------|-------------------------------------------------------------------------------------------|
| Oral LD50: | Not determined for mixture. Weighted average more than 10 grams per kilogram. |
| Dermal LD50: | Not classified as toxic by skin contact. Weighted average more than 4 grams per kilogram. |
| Inhalation: | Not classified as toxic by inhalation. Weighted average more than 8 milligrams per Liter. |
| Eye Irritation: | Direct contact can irritate eyes |
| Skin Irritation: | Prolonged or repeated contact can irritate or dry skin |
| Sensitization: | None known |

CHRONIC EFFECTS

Carcinogenicity: None known
Mutagenicity: None known
Reproductive Effects: None known
Developmental Effects: None known

Section 12. Ecological Information

Ecotoxicity: None known
Persistence/Degradability: Biodegradable
Bioaccumulation/Accumulation: None known
Mobility in Environment: Not determined

Section 13. Disposal Considerations

Disposal: Dispose according to government regulations

Section 14. Transportation Information

US DOT (ground)
Proper Shipping Description: Not a Hazardous Material
CANADA TDG (ground)
Proper Shipping Description: Not a Dangerous Good
ICAO (air)
Proper Shipping Description: Not a Dangerous Good
IMDG (water)
Proper Shipping Description: Not a Dangerous Good

Section 15. Regulatory Information

Global Inventories

| | |
|------------------------|-----------|
| TSCA: United States | Included |
| DSL: Canada | Included |
| ECL: Korea | Not-Known |
| PICCS: Philippines | Not-Known |
| ENCS: Japan | Not-Known |
| AICS: Australia | Included |
| IECS: China | Not-Known |
| EINECS: European Union | Included |

SARA 313 Information : No SARA 313 substances present at reportable levels

California Safe Drinking Water and Toxic Enforcement Act of 1986 :(Proposition 65)

No Proposition 65 substances present

WHMIS: Canadian Workplace Hazardous Material Information System

D 2 B

Section 16. Other Information

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

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