

Safety Data Sheet


acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulation
Printing date: 03/15/2016 Revision: 03/15/2016

Trade Name: Fit Organic Mosquito Repellent

1. Identification

- **Product Identifier**
- **Trade name: Fit Organic Mosquito Repellent**
- **Other product identifiers:** No other identifiers
- **Recommended use and restriction on use**
- **Recommended use:** Insect repellent
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
HealthPro Brands, Inc.
PO Box 867
Mason, OH 45040
(513)492-7512
- **Emergency telephone number:** (513) 492-7512

2. Hazard(s) identification

- **Classification of the substance or mixture**
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.
-
- **Label elements**
 - **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
 - **Hazard pictograms:**
 GHS07
 - **Signal word:** Warning
 - **Hazard-determining components of labeling:**
Lemongrass oil
 - **Hazard statements:**
H315 Causes skin irritation.

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H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

• **Precautionary statements:**

P261 Avoid breathing mist, vapors, or spray.

P280 Wear protective gloves.

P305+P351+P358 If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352 IF ON SKIN: Wash with plenty of water.

P363 Wash contaminated clothing before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

-
- **Other hazards** There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

• **Chemical characterization: Mixtures**

| Components: | | | |
|-------------|--|--|--|
| 8007-02-1 | Lemongrass oil | | |
| | Skin Irrit. 2, H315: Eye Irrit. 2A, H319; Skin Sens. 1, H317 Flam. Lie. 4, H227 | | |
| 56-81-5 | Glycerin | | |
| 143-18-0 | Potassium Oleate | | |
| 1406-18-4 | Vitamin E | | |
| 7778-49-6 | Potassium Citrate | | |

• **Additional Information:**

For the wording of the listed Hazard Statements refer to section 16

4 First-aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

• **After skin contact:**

Product is manufactured for topical use. If irritation occurs, discontinue use and wash

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affected area with soap and water.

Seek medical treatment in case of complaints.

- **After eye contact:**

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

- **Most important symptoms and effects, both acute and delayed:**

Allergic reactions

Irritating to eyes and skin.

- **Indication of any immediate medical attention and special treatment needed:**

Contains Lemongrass oil. May produce an allergic reaction.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

If medical advice is needed, have product container or label at hand.

5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

- **For safety reasons unsuitable extinguishing agents:** Water stream.

- **Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation.

Use personal protective equipment as required.

- **Environmental precautions:**

Avoid release to the environment.

Inform respective authorities in case of seepage into water course or sewage system.

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- **Methods and material for containment and cleaning up:**
Towel or mop up material and collect in a suitable container.
Send for recovery or disposal in suitable receptacles.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection and equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling:**
Use only in well ventilated areas.
Use personal protective equipment as required.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Avoid breathing mist, vapors, or spray.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Store away from foodstuffs
- **Specific end use(s):** No relevant information available.

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8 Exposure controls/personal protection

• Control parameters

| Components with limit values that require monitoring at the workplace | |
|---|--|
| 56-81-5 Glycerin | |
| PEL (USA) | Long-term value: 15* 5** mg/m ³ mist; *total dust ** respirable fraction |
| TLV (USA) | TLV withdrawn-insufficient data human occup. exp. |
| EL (Canada) | Long-term value: 10* 3** mg/m ³ *mist; ** mist, respirable |
| EV (Canada) | Long-term value: 10 mg/m ³ |
| LMPE (Mexico) | Long-term value: 10 mg/m ³ |

- **Exposure controls:**
- **Engineering measures:** Provide adequate ventilations.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 The usual precautionary measures for handling chemicals should be followed.
 Keep away from foodstuffs, beverages and feed.
 Wash hands before breaks and at the end of work.
 Do not inhale gases / fumes / aerosols.
 Avoid contact with the eyes.
 Avoid close or long term contact with the skin.
- **Engineering controls:** No relevant information available.
- **Breathing equipment:**
 Not required under normal conditions of use.
 For large spills, respiratory protection may be advisable.
- **Protection of hands:**
 Gloves are advised for repeated or prolonged contact.
 Wear protective gloves to handle contents of damaged or leaking units.
 The glove material has to be impermeable and resistant to the product/the substance/
 the preparation.
- **Eye protection:** Follow relevant national guidelines concerning the use of protective eyewear.
- **Body protection:**
 Not required under normal conditions of use.
 Protection may be required for spills.
- **Limitation and supervision of exposure into the environment**
 No relevant information available.

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9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **Appearance:**
 - Form:** Liquid
 - Color:** White
- **Odor:** Citrus

| | |
|---|---|
| Odor threshold: | Not determined |
| ph-value: | 9.5 |
| Melting point/Melting range: | Not determined. |
| Boiling point/Boiling range: | >100 °C (>212 °F) |
| Flash point: | Not applicable |
| Flammability (solid, gaseous): | Not applicable |
| Auto-ignition temperature: | Not determined |
| Decomposition temperature: | Not determined |
| Auto igniting: | Product is not self-igniting. |
| Danger of explosion: | Product does not present an explosion hazard. |
| Explosion limits | |
| Lower: | Not determined |
| Upper: | Not determined |
| Oxidizing Properties: | Not determined |
| Vapor pressure at 20 °C (68 °F) | 23 hPa (17 mm Hg) |
| Density at 20 °C (68 °F) | 1.012 g/cm ³ (8.445 lbs/gal) |
| Relative density: | Not determined |
| Vapor density: | Not determined |
| Evaporation rate: | Not determined |
| Solubility in / Miscibility with | |
| Water: | Fully miscible |
| Partition coefficient (n-octanol/water): | Not determined |
| Viscosity | |
| Dynamic: | Not determined |
| Kinematic: | Not determined |
| Other information | No relevant information available |

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10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions:** Reacts with strong acids.
- **Conditions to avoid:** Excessive heat.
- **Incompatible materials:** Strong acids
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** None.
- **Primary irritant effect:**
- **On the skin:** Irritant to skin and mucous membranes.
- **On the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **IARC (International Agency for Research on Cancer):**
None of the ingredients are listed.
- **NTP (National Toxicology Program):**
None of the ingredients are listed.
- **OSHA-Ca (Occupational Safety & Health Administration):**
None of the ingredients are listed.
- **Probably route(s) of exposure:**
Ingestion
Inhalation
Eye contact
Skin contact
- **Repeated dose toxicity:** Repeated exposure may result in skin sensitivity.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met
- **Carcinogenicity:** Based on IARC classifications and not the CLP classification
- **Reproductive toxicity:** Based on available data, the classification criteria are not met
- **STOT-single exposure:** Based on available data, the classification criteria are not met
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met
- **Aspiration hazard:** Based on available data, the classification criteria are not met

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12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** Harmful to aquatic life with long lasting effects.
- **Persistence and degradability:** No relevant information available.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.
- **Additional ecological information**
- **General Notes:**
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
 Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
 Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
 The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

| | |
|---|----------------|
| UN-Number DOT, ADR, IMDG, IATA | Not regulated. |
| UN proper shipping name DOT, ADR, IMDG, IATA | Not regulated. |

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| Transport hazard class(es) DOT, ADR, IMDG, IATA Class | Not regulated. |
| Packing group DOT, ADR, IMDG, IATA | Not regulated. |
| Environmental hazards Marine pollutant: | Not regulated. |
| Special precautions for user | Not applicable. |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

Section 355 (extremely hazardous substances): None of the ingredients are listed.

Section 313 (Specific toxic chemical listings): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): All ingredients are listed.

Proposition 65 (California)

Chemicals known to cause cancer: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.

Chemicals known to cause developmental toxicity: None of the ingredients are listed.

Carcinogenic categories

EPA (Environmental Protection Agency): None of the ingredients are listed.

IARC (International Agency for Cancer Research): None of the ingredients are listed.

NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients are listed.

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Canada
Canadian substance listings

| |
|---|
| Canadian Domestic Substances List (DSL): All ingredients are listed. |
|---|

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|--|
| Canadian Ingredient Disclosure list (limit 0.1%): None of the ingredients are listed. |
|--|

| |
|---|
| Canadian Ingredient Disclosure list (limit 1%): 8007-02-1 Lemongrass Oil |
|---|

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Date of preparation / last revision 03/15/2016 / -

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

Flam. Liq. 4: Flammable liquids, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Sources:

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor_internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5

Safety Data Sheets, Individual Manufacturers

Prepared by: ChemTel Inc., 1305 North Florida Avenue, Tampa, FL USA 33602-2902

Toll Free North American 1-888-255-3924 International: +01 813-248-0573

Website: www.chemtelinc.com