



Weed Taliator Ready To Use

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 05.08.2023

Revision date: 05.09.2023

Version 1.0

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SECTION 1: IDENTIFICATION

1.1. Identification

Product form: Mixture
Trade name: Weed Taliator

1.2. Recommended used and restrictions on use:

Use of the substance/mixture Herbicide
Weed and Grass killer. Systemic non-selective

1.3. Supplier

ORGANIC LABS
17 Pete Hendrichs Rd
Yerington, NV. 89447
Tel: +1 775 346 5888
Email: info@organiclabs.com

1.4. Emergency telephone number

Emergency number: +1 407 435 9105 (Monday - Friday: 9am – 5pm EST)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1. Classification of the substance or mixture

GHS US Classification

Skin corrosion/irritation Category 2

Causes skin irritation

Serious eye damage/eye irritation Category 2A

Causes serious eye irritation

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

Warning

Hazard statements (GHS US):

H315 – Causes skin irritation

H319 - Causes serious eye irritation

Precautionary statements (GHS US)

P101 – If medical advice is needed, have product container or label at hand

P102 – Keep out of reach of children

P103 – Read carefully and follow all instructions

P280 – Wear protective gloves/protective clothing/eye protection/face protection

P321 – Specific treatment (wash areas of contact with water)

P352 – Wash with plenty of water.

P264+P265 – Wash hands thoroughly after handling. Do not touch eyes.

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

P332+P317 – If skin irritation occurs: Get medical help.

P337+P317 – If eye irritation persists: Get medical help.

P362+P364 – Take off contaminated clothing and wash it before reuse.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No data available.



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product Identifier	%	GHS US classification
Soap (mixture)	(CAS-No.) N/A	≥ 20 - ≤ 50 %	N/A
Molasses Sugar Cane	(CAS-No.) 8052-35-5	≥ 20 - ≤ 50 %	N/A
Sulfur	(CAS-No.) 7704-34-9	≥ 20 - ≤ 40 %	Skin Irrit. 2, H315 ATO 5, H303
Eugenol	(CAS-No.) 97-53-0	≥ 1 - ≤ 10 %	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 ATO 4, H332
Thyme Oil	(CAS-No.) 8007-46-3	≥ 1 - ≤ 10 %	Flam. Liq. 3, H226 ATO 5, H303 Skin Corr. 1B, H314

SECTION 4: FIRST-AID MEASURES

4.1. Description of first aid measures

First-aid measures general

Call a physician immediately.

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible)

First-aid measures after inhalation

Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.

First-aid measures after skin contact

Remove/Take off immediately all contaminated clothing. Wash off immediately and plentifully with water for at least 20 minutes. Wash skin thoroughly with mild soap and water. Call a physician immediately.

First-aid measures after eye contact

Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse thoroughly with plenty of water for at least 20 minutes and take medical advice. Call a physician immediately.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation

May cause drowsiness or dizziness.

Symptoms/effects after skin contact

Irritant to skin and mucous membranes.

Symptoms/effects after eye contact

There may be irritation and redness.

Symptoms/effects after ingestion

Gastric or intestinal disorders when ingested and nausea.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media

Water fog. Water spray. Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

Unsuitable extinguishing media

Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard

Flames and hot objects

Explosion hazard

No direct explosion hazard.



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Hazardous decomposition products in case of fire Oxides of potassium, carbon, and other low molecular weight.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

General measures Evacuate unnecessary personnel.

6.1.1. For non-emergency personnel

Protective equipment Wear personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures Ventilate spillage area. Stop leak if safe to do so.

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).

Methods for cleaning up Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Notify authorities if product enters sewers or public waters.

Other information Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling Provide good ventilation in process area. Keep away from heat or hot surfaces. No smoking. Avoid contact with skin and eyes. Do not breathe mist, spray, or vapors. Wear personal protective equipment.

Hygiene measures Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions Keep only in the original container in a cool well ventilated place. Keep container tightly closed. Store locked up.

Incompatible materials Mineral acids and any oxidizing materials

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

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No additional information available



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Soap

No additional information available

Molasses Sugar Cane (8052-35-5)

No additional information available

Sulfur (7704-34-9)

No additional information available

Eugenol (97-53-0)

No additional information available

Thyme oil (8007-46-3)

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls

Ensure good ventilation of the work station.

Environmental exposure controls

Do not allow uncontrolled discharge of product into the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Impermeable protective gloves

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

If skin contact or contamination of clothing is possible, protective clothing should be worn

Respiratory protection:

An approved filtering facepiece respirator (FFR) or elastomeric half mask respirator (EHMR) must be used.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Color (munsell system):	Very dark brown
Odor:	Pungent, characteristic of soft clove.
pH:	4.0 – 5.3
Melting point:	No data available
Freezing point:	No data available
Initial boiling point and boiling range	212°F (100°C)
Flash point:	104°F (40°C)
Flammability:	No considered to be flammable
Explosion limits: lower un upper	Not applicable
Vapor pressure:	No data available
Relative vapor density:	No data available
Density (gr/mL):	0.9 – 1.05
Solubility:	Complete
Partition coefficient:	Not applicable
Auto-ignition temperature:	No data available
Decomposition temperature:	Not applicable
Viscosity, dinamic:	19.0 – 21.5 cP

9.2. Other information

No additional information available

SECTION 10: STABILITY AND REACTIVITY



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10.1. Reactivity

The product is non-reactive under normal conditions of use, storage, and transport.

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat.

10.5. Incompatible materials

Mineral acids and any oxidizing materials.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity (oral): Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (dermal): Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (inhalation): Not classified (Based on available data, the classification criteria are not met)

Soap

LD50 oral rat Not classified (Based on available data, the classification criteria are not met)

LD50 dermal rabbit Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity Not classified (Based on available data, the classification criteria are not met)

Molasses Sugar Cane (8052-35-5)

LD50 dermal rabbit Not classified (Based on available data, the classification criteria are not met)

LD50 oral rat Not classified (Based on available data, the classification criteria are not met)

Skin contact Not classified (Based on available data, the classification criteria are not met)

Eye contact Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity Not classified (Based on available data, the classification criteria are not met)

Sulfur (7704-34-9)

LD50 oral rat >5000 mg/kg

LD50 dermal rat >5000 mg/kg

LD50 dermal rabbit >2000 mg/kg

Mutagenic effects No data available

Carcinogenic There are no known risks of carcinogenic/oncogenic effects associated with the use of sulfur.

Eugenol (97-53-0)

LD50 oral rat 1930 mg/kg

LC inhalation rat >2580 mg/kg

Thyme oil (8007-46-3)

LD50 dermal rabbit 5000 mg/kg

LD50 oral rat 2840 mg/kg

Skin contact Can induce irritations

Eye contact Serious eye damage/eye irritation

Germ cell mutagenicity Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity Not classified (Based on available data, the classification criteria are not met)

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - general This product contains hazardous components for the aquatic environment. This material has not been tested for environmental effects.

Sulfur (7704-34-9)

EC50 Daphnia magna >5000000 ug/L (Exposure time: 48 h)



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LC50 Americamysis bahia 736000 ug/L (Exposure time: 96 h)

Eugenol (97-53-0)

LC50 Oncorhynchus kisutch 66.1 mg/L (Exposure time: 96 h)

LC50 Pimephales promelas 24 mg/L (Exposure time: 96 h)

Thyme oil (8007-46-3)

LC50 Daphnia magna 3200 ug/L (Exposure time: 96 h)

LC50 Gammarus fasciatus 3200ug/L (Exposure time: 96 h)

LC50 Pimephales promelas 3200 ug/L (Exposure time: 96 h)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information

Do not allow uncontrolled discharge of product into the environment. Notify authorities if product enters sewers or public waters.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Disposal methods

Waste treatment methods

Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations

Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials

Do not allow uncontrolled discharge of product into the environment. Notify authorities if product enters sewers or public waters.

SECTION 14: TRANSPORT INFORMATION

Department of Transportation (DOT)

In accordance with DOT

Transport document description

Not regulated

Transportation of Dangerous Goods

Transport document description

Not regulated

Transport by sea

Transport document description (IMDG)

Not regulated

Air transport

Transport document description (IATA)

Not regulated

SECTION 15: REGULATORY INFORMATION

15.1. US Federal regulations

Molasses (8052-35-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory -SCIL

Sulfur (7704-34-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Eugenol (97-53-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Thyme oil (8007-46-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Molasses (8052-35-5)



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Listed on the Canadian DSL (Domestic Substances List)

Sulfur (7704-34-9)

Listed on the Canadian DSL (Domestic Substances List)

Eugenol (97-53-0)

Listed on the Canadian DSL (Domestic Substances List)

Thyme oil (8007-46-3)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Molasses (8052-35-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Sulfur (7704-34-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Eugenol (97-53-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Thyme oil (8007-46-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

15.3. US State regulations

No additional information available

SECTION 16: OTHER INFORMATION

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Changes since the last version will be highlighted in the margin. This version replaces all previous versions

END OF SAFETY DATA SHEET