

## SAFETY DATA SHEET

## Mighty Mint Plant Protection

## SECTION 1: IDENTIFICATION

## 1.1. Product identifier

Trade name: Mighty Mint Plant Protection  
Product no.: PP-031-MM-WMT, PP-016-MM, PP-032-MM

## 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture: 25(b) Minimum Risk Pesticide  
Uses advised against: None known.

## 1.3. Details of the supplier of the safety data sheet

Company and address: **Mighty Mint**  
755 Tri-State Parkway  
Gurnee, IL 60031  
United States  
+1 (800) 637-0317  
Contact person: Customer support  
E-mail: customerservice@pureoriginproducts.com  
SDS date: 4/16/2025  
SDS Version: 1.0

## 1.4. Emergency telephone number

Infotrac +1 (352) 323-3500  
Contact the poison control at 1-800-222-1222 (24/7) or use the webPOISONCONTROL® (triage.webpoisoncontrol.org) to get specific guidance for your case  
See also section 4 "First aid measures".

## SECTION 2: HAZARD(S) IDENTIFICATION

## OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

## 2.1. Classification of the substance or mixture

Skin Sens. 1; H317, May cause an allergic skin reaction.

## 2.2. Label elements

Hazard pictogram(s):



Signal word: Warning  
Hazard statement(s): May cause an allergic skin reaction. (H317)  
Precautionary statement(s):  
General: If medical advice is needed, have product

**Prevention:**

container or label at hand. (P101)  
Keep out of reach of children. (P102)  
Avoid breathing mist/vapour. (P261)  
Wear protective gloves. (P280)

**Response:**

IF ON SKIN: Wash with plenty of water and soap. (P302+P352)  
If skin irritation or rash occurs: Get medical advice/attention. (P333+P313)  
Take off contaminated clothing and wash it before reuse. (P362+P364)

**Storage:**

-

**Disposal:**

Dispose of contents/container in accordance with local regulation (P501)

**Additional labelling:**

Not applicable.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substances**

Not applicable. This product is a mixture.

**3.2. Mixtures**

Product/substance	Identifiers	% w/w	Classification	Note
Peppermint oil	CAS No.: 8006-90-4	<1%	Skin Irrit. 2, H315 Skin Sens. 1, H317	[19]
Rosemary oil	CAS No.: 8000-25-7	<0.25%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Muta. 2, H341 STOT SE 2, H371	

Where the concentration of an ingredient is expressed as a range the exact concentration has been withheld as a trade secret.

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

**Other information**

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

**SECTION 4: FIRST-AID MEASURES****4.1. Description of first aid measures****General information:**

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give

	<p>immediate treatment (first aid). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.</p>
<i>Inhalation:</i>	<p>Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.</p>
<i>Skin contact:</i>	<p>Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.</p>
<i>Eye contact:</i>	<p>If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.</p>
<i>Ingestion:</i>	<p>If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.</p>
<i>Burns:</i>	<p>Not applicable.</p>

#### 4.2. **Most important symptoms and effects, both acute and delayed**

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

#### 4.3. **Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

#### **Information to medics**

Bring this safety data sheet or the label from this product.

### **SECTION 5: FIRE-FIGHTING MEASURES**

#### 5.1. **Extinguishing media**

Not applicable.

#### 5.2. **Special hazards arising from the substance or mixture**

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

#### 5.3. **Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the Poison Help Line on 1-800-222-1222 (24/7) in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.  
Ensure adequate ventilation, especially in confined areas.  
Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.  
Keep unauthorized persons away from the spill

### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*

Keep only in original packaging.

*Storage conditions:*

Dry, cool and well ventilated

*Incompatible materials:*

Strong acids

Strong oxidizing agents

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Glycerol

Long term exposure limit (OSHA Table Z-1) (mg/m<sup>3</sup>): 15 (total dust) / 5 (Respirable fraction)

Long term exposure limit (NIOSH REL) (mg/m<sup>3</sup>): 10

Isopropanol

Short term exposure limit (STEL) (ACGIH TLV) (ppm): 400

Short term exposure limit (STEL) (NIOSH REL) (ppm): 500

Long term exposure limit (OSHA Table Z-1) (mg/m<sup>3</sup>): 980  
 Long term exposure limit (OSHA Table Z-1) (ppm): 400  
 Long term exposure limit (ACGIH TLV) (ppm): 200

Part 1910 - Occupational Safety and Health Standards (29 CFR 1910.1000 TABLE Z-1 - Limits for Air Contaminants)

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

*General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*

There are no exposure scenarios implemented for this product.

*Exposure limits:*

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

*Appropriate technical measures:*

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked. Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*

No specific requirements.

## Individual protection measures, such as personal protective equipment

*Generally:*

Use only protective equipment with a recognized certification mark, e.g. the UL mark.


*Respiratory Equipment:*

Type	Class	Colour	Standards	
No special when used as intended.				

*Skin protection:*

Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

*Hand protection:*

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Gloves	-	-	EN374	

*Eye protection:*

Type	Standards	
No special when used as intended.	-	

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

<i>Physical state:</i>	Liquid
<i>Color:</i>	Hazy, colourless, Clear
<i>Odor:</i>	Peppermint
<i>Odor threshold (ppm):</i>	No data available.
<i>pH:</i>	8.5 - 10.5
<i>Density (g/cm<sup>3</sup>):</i>	No data available. -
<i>Relative density:</i>	0.9900 - 1.0010
<i>Kinematic viscosity:</i>	No data available.
<i>Particle characteristics:</i>	Does not apply to liquids.

**Phase changes**

<i>Melting point/freezing point (°F):</i>	No data available.
<i>Softening point/range (°F):</i>	Does not apply to liquids.
<i>Boiling point (°F):</i>	No data available.
<i>Vapor pressure:</i>	No data available.
<i>Relative vapor density:</i>	No data available.
<i>Decomposition temperature (°F):</i>	No data available.

**Data on fire and explosion hazards**

<i>Flash point (°F):</i>	Not flammable
<i>Flammability (°F):</i>	No data available.
<i>Auto-ignition temperature (°F):</i>	No data available.
<i>Explosion limits (% v/v):</i>	No data available.

**Solubility**

<i>Solubility in water:</i>	No data available.
<i>n-octanol/water coefficient (LogKow):</i>	No data available.
<i>Solubility in fat (g/L):</i>	No data available.

**9.2. Other information**

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

No data available.

**10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

**10.3. Possibility of hazardous reactions, including those associated with foreseeable emergencies**

None known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

Strong acids

Strong oxidizing agents

**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**

Product/substance	Mighty Mint Plant Protection
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>5,000 mg/kg

Product/substance	Mighty Mint Plant Protection
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>5,000 mg/kg

Product/substance	Isopropanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5050 mg/kg

Product/substance	Isopropanol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	4059 mg/kg

Product/substance	Isopropanol
Species:	Rat

Route of exposure: Inhalation  
 Test: LC50  
 Result: 72.6 mg/L

### **Skin corrosion/irritation**

Based on available data, the classification criteria are not met.

### **Serious eye damage/irritation**

Based on available data, the classification criteria are not met.

### **Respiratory sensitisation**

Based on available data, the classification criteria are not met.

### **Skin sensitisation**

May cause an allergic skin reaction.

### **Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

### **Carcinogenicity**

Based on available data, the classification criteria are not met.

### **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.

### **Long term effects**

None known.

### **Other information**

Isopropanol has been classified by IARC as a group 3 carcinogen.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

Product/substance Isopropanol  
 Species: Fish, Pimephales promelas  
 Duration: 96 hours  
 Test: LC50  
 Result: 9640 mg/L

Product/substance Isopropanol  
 Species: Daphnia, Daphnia magna  
 Duration: 48 hours  
 Test: EC50  
 Result: 13299 mg/L

### **12.2. Persistence and degradability**

Based on available data, the classification criteria are not met.

### **12.3. Bioaccumulative potential**

Based on available data, the classification criteria are not met.

### **12.4. Mobility in soil**



No data available.

## 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

## 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)

None of the components are listed

### Specific labelling

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informat ion:
DOT	-	Not regulated		-	No	See below for additiona l informati on.
IMDG	-	Not regulated		-	No	See below for additiona l informati on.
IATA	-	Not regulated		-	No	See below for additiona l informati on.

\* Packing group

\*\* Environmental hazards

### Additional information

DOT / See § 172.101 Hazardous Materials Table for any information on special provisions, requirements, or warnings in connection with transport. See § 172.602, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.  
IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings

in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to IMO instruments**

No data available.

## SECTION 15: REGULATORY INFORMATION

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.2. U.S. Federal regulations**

*TSCA (the non-confidential portion):*

Peppermint oil is listed

Glycerol is listed

Isopropanol is listed

*Clean Air Act:*

None of the components are listed

*EPCRA Section 302:*

None of the components are listed

*EPCRA Section 304:*

None of the components are listed

*EPCRA section 313:*

Isopropanol is listed

*CERCLA:*

None of the components are listed

*Hazardous chemical inventory reporting:*

This product is subject to Tier II reporting.

**State regulations**

*California / Prop. 65:*

None of the components are listed

*Massachusetts / Right To Know Act:*

Glycerol is listed

Isopropanol is listed

*New Jersey / Right To Know Act:*

Glycerol / Substance number: 3319

—  
Isopropanol / Substance number: 1076

Isopropanol is on the Special Health Hazard Substance List

*New York / Right To Know Act:*

—  
Isopropanol is listed

Isopropanol is regulated with a Threshold Reporting Quantity (TRQ) of: 0 pounds

*Pennsylvania / Right To Know Act:*

—  
Glycerol is listed

—  
Isopropanol is listed

Isopropanol is hazardous to the environment (E)

**15.4. Restrictions for application**

No special.

**15.5. Demands for specific education**

No specific requirements.

**15.6. Additional information**

Not applicable.

**15.7. Chemical safety assessment**

No

**15.8. Sources**

OSHA Hazard Communication Standard (29 CFR 1910.1200)

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**SECTION 16: OTHER INFORMATION**

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**Full text of H-phrases as mentioned in section 3**

H226, Flammable liquid and vapour.

H304, May be fatal if swallowed and enters airways.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H341, Suspected of causing genetic defects.

H371, May cause damage to organs.

**The full text of identified uses as mentioned in section 1**

None known.

**Abbreviations and acronyms**

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

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

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OECD = Organisation for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative and Toxic

RCRA = Resource Conservation and Recovery Act

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SARA = Superfund Amendments and Reauthorization Act

SCL = A specific concentration limit.

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TSCA = The Toxic Substances Control Act

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by HCS (29 CFR 1910.1200).

**The safety data sheet is validated by**

PurposeBuilt Brands Regulatory Team

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: US-en