

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Ethyl maltol
Product code	AI-ETHML
CAS #	4940-11-8
Synonyms	Veltol Plus
Product use	Domestic and Industrial
Supplier	WFMed
Address	8245 Backlick Rd Unit D, Lorton VA 22079 USA
Telephone number	888-WFMED-97 (888-936-3397)
Emergency phone number	888-WFMED-97 (888-936-3397)

## 2. HAZARD(S) IDENTIFICATION

### GHS Hazard Classification

Acute toxicity, oral - Category 4 - H302  
Combustible dust

### GHS Label Elements

Pictogram  
Signal Word



Warning

### Hazard Statements

H302  
(Not designated by OSHA)

Harmful if swallowed.  
May form combustible dust concentrations in air.

### Precautionary Statements - Prevention

P261  
P264

Avoid breathing dust/fumes/gas/mist/vapours/spray.  
Wash face, hands and any exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.

P270

### Precautionary Statements - Response

P301+P312

If swallowed: Call a POISON CENTER or doctor/physician if you feel unwell.

P314  
P330

Get medical advice/attention if you feel unwell.  
Rinse mouth.

### Precautionary Statements - Storage

P410+P403  
(Not designated by OSHA)

Protect from sunlight. Store in a well-ventilated place.  
Minimize dust generation and accumulation. Routine

housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to friction of transfer and mixing operations.

**Precautionary Statements - Disposal**  
P501

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

**Hazards Not Otherwise Classified (HNOC)**

0% of the mixture consists of ingredient(s) of unknown toxicity.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Family  
Formula

Aliphatic ketone  
C7H8O3

**Product Name**  
Ethyl maltol

**CAS NO**  
4940-11-8

**Concentration**  
100%

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### 4. FIRST-AID MEASURES

**Description of first aid measures**

**Eye Contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Remove contact lenses, if present and easy to do. If eye irritation persists, consult a physician.

**Skin Contact**

Remove contaminated clothing. Wash with soap and plenty of water. Wash contaminated clothing before reuse. Consult physician if irritation occurs.

**Inhalation**

Remove from exposure and move to fresh air. If not breathing, give artificial respiration. Consult a physician if you feel unwell.

**Ingestion**

Do NOT induce vomiting. Clean mouth with water, or dilute with milk or water. Never give anything by mouth to an unconscious person. Consult a physician if you feel unwell.

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

Product dust may be irritating to eyes, skin and respiratory system.

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

Treat symptomatically.

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### 5. FIRE-FIGHTING MEASURES

**Extinguishing media**

Foam, dry chemical or carbon dioxide.

**Specific hazards arising from the chemical**

Explosion hazard: Avoid generating dust; fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source, is a potential dust explosion hazard. Avoid creating dust.

**Explosion data**

Sensitivity to Mechanical Impact  
Sensitivity to Static Discharge

Yes.

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**Special protective equipment and precautions for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Further information**

No data available.

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## 6. ACCIDENTAL RELEASE MEASURES

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

Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes, and inhalation of vapors. Remove all sources of ignition. Avoid creating dust.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Methods and materials for containment and cleaning up****Methods for containment**

Cover powder spill with plastic sheet or tarp to minimize spreading.

**Methods for cleaning up**

Sweep up and shovel into suitable containers for disposal. Avoid creating dust. Take up with inert, damp, non-combustible material using clean non-sparking tools and place into loosely covered plastic containers for later disposal. Do not dry sweep dust. Wet dust with water before sweeping.

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## 7. HANDLING AND STORAGE

**Precautions for safe handling**

Avoid generation of dust. Avoid contact with skin, eyes or clothing. Handle in accordance with good industrial hygiene and safety practice. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Ensure adequate ventilation, especially in confined areas.

**Conditions for safe storage, including any incompatibilities****Storage conditions**

Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to friction of transfer and mixing operations. Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children. Protect from direct sunlight. Keep in a dry, cool and well-ventilated place.

**Incompatible materials**

None known based on information supplied.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Control parameters**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

## Exposure controls

### Engineering controls

Showers. Eyewash stations. Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

Eye/Face protection: Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin/Body protection: Avoid contact with skin. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes, or clothing. Regular cleaning of equipment, work area, and clothing is recommended. Avoid breathing (dust, vapor, mist, gas).

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state	Powder
Appearance	Crystalline, white to off-white
Odor	Characteristic odor
Melting point	71 °C
Flash point	> 93.1 °C (200 °F)
Vapor pressure (25 °C)	0.000145 mm Hg
Molecular weight	140.14

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## 10 . STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possible hazardous reactions

None under normal processing.

### Conditions to avoid

Dust formation. Extremes of temperature and direct sunlight. Heat, flames and sparks.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition

None known based on information supplied.

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## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity

ATEmix Oral: 1200 mg/kg

#### Serious eye damage/eye irritation

Not classified.

#### Sensitisation

Not expected to cause skin sensitization.

#### Germ cell mutagenicity

None known.

#### Carcinogenicity

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

#### Reproductive toxicity

This product does not contain any known or suspected reproductive hazards above the threshold value.

#### Aspiration hazard

Not classified.

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

100% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

### Persistence and degradability

No data available.

### Bioaccumulative potential

No data available.

### Mobility in soil

No data available.

### Other adverse effects

No data available.

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## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### Product

Dispose of product in accordance with local regulations.

#### Contaminated packaging

Do not reuse container.

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## 14. TRANSPORT INFORMATION

### US DOT (Land)

Not regulated.

**IMDG/IMO (Sea)**

Not regulated.

**IATA/ICAO (Air )**

Not regulated.

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**15. REGULATORY INFORMATION****SARA 311/312**

Acute Health Hazard, Fire Hazard

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations.

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**16. OTHER INFORMATION**

Creation date: 6/8/2016

Revision date: 7/27/2018

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