

# Safety Data Sheet

## Section 1: Identification

**Product Name** OSM Horticultural Vinegar 20% acetic acid  
**Relevant identified uses of the substance or mixture and uses advised against**  
 Recommended use Acidifying agent, vegetation control  
**Details of the supplier of the safety data sheet**  
**Supplier** OSM, Inc.  
 114 Broadway  
 Raynham, MA 02767  
[www.osm-inc.com](http://www.osm-inc.com)  
[customerservice@osm-inc.com](mailto:customerservice@osm-inc.com)  
 Telephone (General) 888-473-6489  
**Emergency telephone number**  
**CHEMTREC** 800-424-9300  
**POISON CONTROL** 800-222-1222

## Section 2: Hazard Identification

### United States (US)

According to OSHA 29 CFR 1910.1200 HCS

- This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200

### Classification of the substance or mixture

OSHA HCS 2012

- Extremely irritating to the eyes. If not removed promptly, will injure eye tissue, which may result in permanent damage, including blindness - H318
- Contact causes skin irritation, may cause burns - H315
- Irritating to the nose, throat and respiratory tract - H335
- Can burn or irritate mucous membranes of mouth, throat, esophagus and stomach if ingested

### Label elements

OSHA HCS 2012

### HAZARD



### Hazard statements

- Extremely irritating to the eyes. If not removed promptly, will injure eye tissue, which may result in permanent damage, including blindness - H318
- Contact causes skin irritation, may cause burns - H315
- Irritating to the nose, throat and respiratory tract - H335
- Can burn or irritate mucous membranes of mouth, throat, esophagus and stomach if ingested

**Extinguishing media**

**Suitable Extinguishing Media** • Water spray, chemical foam, carbon dioxide or dry chemical

**Unsuitable Extinguishing Media** • None known

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

**Unusual Fire hazards** • Non flammable substance. None known

**Advice for firefighters** • Use extinguishing media applicable to primary source of fire.

**Section 6: Accidental Release Measures****Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**

- Wear eye protection as needed
- Wear protective gloves as needed
- Use a NIOSH/OSHA approved mask when spray mist is present
- Wear protective clothing as needed

**Emergency Procedures****INITIAL CONTAINMENT**

- Contain spilled material. Water may be used to dilute. Treat or dispose of waste material as a weak acid in accordance with local, state, and federal regulations

**LARGE SPILLS PROCEDURE**

- Contain spilled material. Large spills may be neutralized with dilute alkaline solutions of soda ash or lime. Avoid runoff into storm sewers and ditches that lead to waterways. Treat or dispose of waste material as a weak acid in accordance with local, state, and federal regulations

**SMALL SPILLS PROCEDURE**

- Water may be used to dilute. Treat or dispose of waste material as a weak acid in accordance with local, state, and federal regulations

**Environmental precautions**

- Treat or dispose of waste material as a weak acid in accordance with local, state, and federal regulations

**Methods and material for containment and cleaning up**

**Containment/Clean-up Measures** • Absorb with inert material and dispose of in accordance with applicable regulations

**Section 7: Handling and Storage****Precautions for safe handling**

**Handling**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations
- Keep out of the reach of children
- Avoid handling conditions which may allow for leaks and spills of this material
- Do not permit personnel to handle this product without proper training and/or equipment

**Conditions for safe storage**

**Storage** • Keep out of the reach of children

<b>Chemical stability</b>	• Stable
<b>Possibility of hazardous reactions</b>	• Will not occur
<b>Conditions to avoid</b>	• Avoid handling conditions which may allow for leaks and spills of this material
	• Do not permit personnel to handle this product without proper training and/or equipment
<b>Incompatible materials</b>	• Avoid contact with strong oxidizing agents. Avoid contact with strong bases.
<b>Hazardous decomposition products</b>	• From thermal reaction: oxides of carbon, fumes and smoke

## Section 11: Toxicological Information

### Information on toxicological effects

**Routes of entry/exposure** • Eyes, Skin, Inhalation, Ingestion

Potential health effects

#### *Inhalation*

Acute • Irritating to the nose, throat and respiratory tract

Chronic • No data available

#### *Skin*

Acute • Contact causes skin irritation, may cause burns

Chronic • No data available

#### *Eye*

Acute • Extremely irritating to the eyes. If not removed promptly, will injure eye tissue, which may result in permanent damage, including blindness

Chronic • No data available

#### *Ingestion*

Acute • Can burn or irritate mucous membranes of mouth, throat, esophagus and stomach if ingested

Chronic • No data available

## Section 12: Ecological Information

• Biodegrades readily under aerobic and anaerobic conditions. No tendency to bioaccumulate.

## Section 13: Disposal Consideration

• Dispose of content and/or container as a weak acid in accordance with local, regional, national, and/or international regulations

## Section 14: Transport Information

• Not applicable for vinegar containing less than 25% acetic acid, provided packaging complies with ADR Special Provision 647.