



# SAFETY DATA SHEET

## Section 1: Identification

Product Name: Mighty VS7 Sap Remover

Product Code: DL3301

Product Class: Tree Sap Remover

Manufacturer/Supplier: Mighty Distributing System of America  
650 Engineering Drive  
Norcross, GA 30092  
Telephone: 800-829-3900  
Emergency Telephone: CHEMTREC 800-424-9300

Date Prepared: August 22, 2017

Date of Review/Update:

## Section 2: Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification: Flammable Liquid Category 2; Acute Toxicity (Oral) Category 3; Acute Toxicity (Dermal) Category 3; Acute Toxicity (Inhalation) Category 3; Eye Irritant Category 2A; Specific Target Organ Toxicity (Single Exposure) Category 1

Signal Word: Danger

GHS Hazard Statements:

H225 Highly flammable liquid and vapor.

H301+H311+H331 Toxic if swallowed, in contact with skin or if inhaled.

H370 Causes damage to organs.

GHS Precautionary Statements:

P210 Keep away from heat, sparks, open flames, hot surfaces. No smoking

P233 Keep container tightly closed

P240 Ground/bond container and receiving equipment

P241 Use explosion-proof electrical, ventilating, lighting equipment

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge

P261 Avoid breathing vapors

P264 Wash hands thoroughly after handling

P270 Do not eat, drink, or smoke when using this product

P271 Use only outdoors or in a well-ventilated area

P280 Wear protective gloves, protective clothing, eye protection, face protection

P301 + P310 IF SWALLOWED: Immediately call a doctor or seek medical attention

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

P307 + P311: If exposed: Call a poison center/doctor

P330 Rinse mouth

P363 Wash contaminated clothing before reuse

P370 + P378 In case of fire: use spray water to extinguish

P403 + P233 Store in a well-ventilated place. Keep container tightly closed

P405 Store locked up

P501 Dispose of contents /container to licensed waste management site

Signs and Symptoms of Exposure:

Eye: Irritation including tearing or redness.

Skin: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Repeated and/or prolonged skin contact may cause irritation.

Ingestion: Ingestion of as little as 10 mL of methanol can cause blindness and 30 mL (1 ounce) can cause death if victim is not treated. Ingestion causes mild central nervous system depression with nausea, headache, vomiting, dizziness, incoordination and an appearance of drunkenness. Metabolic acidosis and severe visual effects can occur following an 8-24 hour latent period. Coma and death, usually due to respiratory failure, may occur if medical treatment is not received. Visual effects may include reduced reactivity and/or increased sensitivity to light, blurred, double and/or snowy vision, and blindness

Inhalation: Symptoms may include dizziness, headache, nausea, and loss of coordination. CNS depression. Metabolic acidosis and severe visual effects can occur following and 8-24 latent period. Coma and death, usually due to respiratory failure, may occur if medical treatment is not received. Visual effects may include reduced reactivity and/or increased sensitivity to light, blurred, double and/or snowy vision, and blindness

Medical Conditions Aggravated by Exposure: None known.

HMIS Rating: Health- 4    Fire- 3    Reactivity- 0    Personal Protection- C  
0=Insignificant    1=Slight    2=Moderate    3=High    4=Extreme

### **Section 3: Composition/Information on Ingredients**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Methanol	67-56-1	95-99	200 ppm	200 ppm

### **Section 4: First Aid Measures**

Eye Contact: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Remove contact lenses, if present and easy to do. Continue rinsing. Ensure that folded skin of eyelids is thoroughly washed with water. Obtain medical attention if pain, blinking or redness persist.

Skin Contact: Rinse skin with water/shower. Remove/take off immediately all contaminated clothing. Immediately call a poison center or doctor/physician. Wash contaminated clothing before reuse.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. Obtain medical attention.

### **Section 5: Fire-Fighting Measures**

Fire and Explosive Properties: Highly flammable liquid and vapor. Can accumulate in confined spaces, resulting in a toxicity and flammability hazard. Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases. Under fire conditions closed containers may rupture or explode. May form flammable/explosive vapor-air mixture.

Flash Point: 11°C    Flammable Limits: LEL / UEL: 6%/36%

Extinguishing Media: Synthetic firefighting foam AR-FFF (3% solution). Dry powder. Carbon dioxide. Water spray. Sand.

Protective Equipment: Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

### **Section 6: Accidental Release Measures**

Steps to be taken if Material is Spilled or Leaked: Remove all sources of ignition. Use special care to avoid static electric charges. No open flames. No smoking. Wear suitable protective clothing. Contain spill. Ventilate and remove with inert absorbent.

### **Section 7: Handling and Storage**

Precautions to be taken in Handling    Additional hazards when processed    Precautions for safe handling    Hygiene measures    Conditions for safe Storage    Technical measures    Storage conditions    Storage area

Handle empty containers with care because residual vapors are flammable.

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Use only explosion-proof equipment. Use only non-sparking tools. Do not breathe Vapors.

Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical equipment. Have appropriate fire extinguishers and spill cleanup equipment in or near storage area.

Keep only in the original container in a cool, well ventilated place away from : Ignition sources, Oxidizing agents. Keep in fireproof place. Keep container tightly closed. Do not store in confined spaces

Store at room temperature. Keep out of direct sunlight. Store in a dry area. Keep container in a well-ventilated place. Fireproof storeroom. Keep locked up. Provide the tank with earthing. Unauthorized persons are not admitted

### **Section 8: Exposure Controls and Personal Protection**

Ventilation: Use only with adequate ventilation. Avoid breathing vapor or mist. Local exhaust preferred.

Respirator Protection: If required a properly fitted NIOSH/MSHA approved respirator rated for the hazardous ingredients found in SECTION 3.

Skin Protection: Gloves rated for protection against ingredients in SECTION 3.

Eye Protection: Safety glasses with side shields or chemical goggles.

## **Section 9: Physical and Chemical Properties**

Boiling Point:	64.7°C	Vapor Pressure (mmHg @ 68°F):	No Data
Vapor Density:	No Data	Solubility in Water:	Complete
Specific Gravity:	792 kg/m <sup>3</sup>	Melting Point:	Not Applicable
% Volatile:	99.0 ± 0.1	pH:	Not Applicable
Appearance/Odor:	Clear Orange Liquid, Solvent Odor	Evaporation Rate (Water = 1)	4.1

## **Section 10: Stability and Reactivity**

Stability:	Stable under normal conditions
Materials to Avoid:	Oxidizing agents, strong acids, strong bases
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Direct sunlight, high temperature, open flame, ignition sources.
Hazardous Decomposition Products:	Heat, carbon monoxide, carbon dioxide. Releases flammable gases. Formaldehyde.

## **Section 11: Toxicology Information**

IARC, NTP, OSHA Carcinogen: No known carcinogenic effects towards humans.

Toxic if swallowed. Toxic in contact with skin. Toxic if inhaled.

Ingredient	LD50 oral rat	LD50 dermal rabbit	LC50 inhalation rat (ppm)
Methanol	5600 mg/kg	15800 mg/kg	64000 ppm/4h rat

Specific Target Organ Toxicity: Single exposure. Causes damage to organs.

## **Section 12: Ecological Information**

Not Available

## **Section 13: Disposal Considerations**

Waste Disposal: Waste from this product is hazardous (D002) as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR similar manner to methanol products or mixtures. Avoid release to the environment. Collect methanol waste in secure and sealable containers. Refer to section 6 and 7 for information on accidental releases, handling and storage conditions. Methanol waste shall not be mixed together with other waste. Dispose methanol waste in a safe manner in accordance with local and/or national regulations. Use qualified hazardous waste companies to transport and dispose of methanol waste. Recycle wherever possible. Large volumes may be suitable for re-distillation. Empty containers may contain hazardous residue. Never weld, cut or grind empty containers. Empty containers should be thoroughly rinsed with large quantities of clean water. Rinse water should be disposed of as methanol waste.

## **Section 14: Transport Information**

D.O.T. REQUIREMENTS (49CFR 172.101):

In accordance with DOT

Transport document description : UN1230 Methanol, 3, II

UN-No.(DOT) : 1230

DOT NA no. : UN1230

Proper Shipping Name (DOT) : Methanol

Transport hazard class(es) (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Hazard labels (DOT) : 3 - Flammable liquid 6.1 - Poison inhalation hazard

Packing group (DOT) : II - Medium Danger

DOT Packaging Exceptions (49 CFR 173.xxx) : 150

DOT Packaging Non Bulk (49 CFR 173.xxx) : 202

DOT Packaging Bulk (49 CFR 173.xxx) : 242

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 1 L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 60 L

Marine pollutant : No

## **Section 15: Regulatory Information**

RQ (REPORTABLE QUANTITY) 49CFR 172.101:

5000 lb

TSCA (Toxic Substances Control Act) Status:

The intentional ingredients of this product are listed.

CERCLA RQ - 40CFR 302.4:

None

SARA 302 COMPONENTS - 40CFR 355 Appendix A:

Listed

**SECTION 311/312 HAZARD CLASS - 40CFR 370.2**

Immediate	( X )	Reactive	( )
Delayed	( )	Sudden Release of Pressure	( )
Fire	( X )		

SARA 313 COMPONENTS - 40CFR 372.65:

<u>Component</u>	<u>CAS #</u>	<u>% Range</u>
Methanol	67-56-1	99

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

<u>Ingredient</u>	<u>CAS #</u>	<u>Max. % By Wt.</u>	<u>LD50</u>	<u>LC50</u>
Methanol	67-56-1	99	5600 mg/kg	64000 ppm/4h rat

CALIFORNIA PROPOSITION 65: Yes.

**Section 16: Other Information**

The information contained herein is based on data we believe to be correct. Any use of the product which is not in conformance with this MSDS or which involves using the product in combination with any other product or any process is the responsibility of the user.