

Issue Date 7 - August 2023

Revision Date 7 - August 2023

Version 2.5

**1. PRODUCT AND COMPANY IDENTIFICATION****SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NUMBER**

K8023

**PRODUCT NAME**

LEGSOLV - IT

**MANUFACTURER'S NAME**

Walter G Legge Co., Inc.

444 Central Ave

Peekskill, NY 10566

**TELEPHONE NUMBERS AND WEBSITE**PRODUCT INFORMATION [www.leggesystems.com](http://www.leggesystems.com)

Regulatory information (914) 737-5040

**2. HAZARDS IDENTIFICATION****OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 3
Acute toxicity - Dermal	Not classified
Skin corrosion/irritation	Category 1
Skin sensitization	Category 1
Flammable liquids	Category 1

**Label elements****Warning****Hazard statements**

May be harmful if swallowed

Causes skin irritation

May cause an allergic skin reaction

Toxic to aquatic life with long lasting effects



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## 2. HAZARDS IDENTIFICATION con't

**Appearance** Clear

**Physical State** Liquid

**Odor** Citrus

**Precautionary Statements - Prevention**

wash face, hands and any exposed skin thoroughly after handling  
 wear protective gloves/protective clothing/eye protection/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Avoid release to the environment  
 Keep container tightly closed.

**Precautionary Statements - Response**

Specific Treatment (See Section 4 on the SDS)  
 If skin irritation or rash occurs: Get medical advise/attention  
 IF ON SKIN (or hair): Remove Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 Wash contaminated clothing before reuse.  
 Immediately call a POISON CENTER or doctor/physician  
 In case of fire: Use CO 2, dry chemical or foam for extinguishing.  
 Collect spillage.

**Precautionary Statements - Storage**

Store in a well ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

**Hazards not otherwise classified (HNOC)**
**Other information**

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %	Trade Secret
Orange Terpenes	5989-27-5	30%	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

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## **4. FIRST AID AND MEASURES**

### **First Aid Measures**

#### **General Advise**

Immediate medical attention is required. In case of accident or unwellness, seek medical advise immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.

#### **Skin contact**

Wash off immediately with plenty of water. Wash contaminated clothing before reuse. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water, Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

#### **Eye contact**

Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. If symptoms persist, call a physician. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing.

#### **Inhalation**

Remove to fresh air. If symptoms persist, call a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. Move to fresh air in case of accidental inhalation of vapors or decomposition products.

**Self protection of the first aider** Remove all sources of ignition. Use personal protective equipment as required.

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

#### **Symptoms**

Any additional important symptoms and effects are described in Section 11: Toxicity Information

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

#### **Note to physicians**

May cause sensitization of susceptible persons. Treat symptomatically.

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## 5. FIRE - FIGHTING MEASURES

### **Suitable extinguishing media**

Use: Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray (fog). Alcohol resistant foam.

### **Unsuitable extinguishing media**

Caution: Use of water spray when fighting fire may be inefficient.

### **Specific hazards arising from the chemical**

In the event of fire and/or explosion, do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Keep product and empty container away from heat and sources of ignition. Risk of ignition.

### **Explosive data**

**Sensitivity to Mechanical Impact**

None

**Sensitivity to Static Discharge**

None

### **Protective equipment and precautions for firefighters**

As in any fire, wear self contained breathing apparatus pressure demand. MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

#### **Personal precautions**

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharge.

#### **Environmental precautions**

#### **Environmental precautions**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

### **Methods and material for containment and cleanup**

#### **Methods for containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for cleaning up**

Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert absorbent material. Take precautionary measures against static discharge.

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## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### **Advise on safe handling**

Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e. pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark proof tools and explosion proof equipment. All equipment used when handling the product must be grounded. Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist vapors/spray. Keep away from heat/sparks/open flames/hot surfaces. **NO SMOKING** Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

### Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep containers tightly closed in a cool, well ventilated place. Keep away from heat

#### **Incompatible materials**

None known on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### **Exposure Guidelines**

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

### Appropriate engineering controls

#### **Engineering controls**

Showers, Eyewash stations & Ventilation systems.

### Individual protection measures, such as personal protective equipment

#### **Eye/face protection**

Wear safety glasses with side shields (or goggles). Wear a face shield if splashing hazard exists.

#### **Skin and body protection**

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

#### **Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

#### **General Hygiene**

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Clear
<b>Color</b>	Colorless
<b>Odor</b>	Citrus
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks * Methods</u>
<b>pH</b>	Not an Aqueous Solution	
<b>Specific Gravity</b>	.92	
<b>Viscosity</b>	Water Thin	
<b>Melting point/freezing point</b>	No information available	
<b>Flash point</b>	> 200°F	
<b>Boiling point/boiling range</b>	No information available	
<b>Evaporation rate</b>	.02	(butyl acetate = 1)
<b>Flammability (solid,gas)</b>		
<b>Flammability Limits in Air</b>		
<b>Upper flammability limits</b>	No information available	
<b>Lower flammability limits</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Water solubility</b>	Insoluble in water	
<b>Partition coefficient</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	

### Other information

<b>Density Lbs./Gal</b>	8.1
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## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions

### Possibility of Hazardous Reactions

None under normal processing

### Conditions to avoid

Heat, flames and sparks

### Incompatible materials

None known based on information supplied

### Hazardous Decomposition Products

None known based on information supplied

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## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Product Information**

Harmful by inhalation and in contact with eyes and skin.

**Inhalation**

Avoid breathing vapors or mist. Inhalation of vapors in high concentration may cause irritation of respiratory system.

**Eye Contact**

Avoid contact with eyes. Contact with eyes may cause irritation.

**Skin Contact**

Avoid contact with skin. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Repeated exposure may cause skin dryness or cracking. May cause sensitization by skin contact.

**Ingestion**

Do not taste or swallow. May be harmful if swallowed.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Orange Terpenes 5989-27-5	=4400mg/kg (Rat)	>5 g/kg (Rabbit)	-

### Information on toxicological effects

**Symptoms**

No information available

### Delayed and immediate effects as well as chronic effects

**Sensitization**

No information available.

**Germ cell Mutagenicity**

No information available.

**Carcinogenicity**

No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
Orange Terpenes 5989-27-5	-	Group 3	-	X

**IARC (International Agency for Research on Cancer)**

Not classified as a human carcinogen

**OSHA (Occupational Safety and Health Administration of the US department of Labor)**

X - Present

**Reproductivity toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Chronic toxicity**

Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.

**Aspiration hazard**

No information available.

### Numerical measures of toxicity - Product information

**Unknown Acute Toxicity**

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

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## 12. ECOLOGICAL INFORMATION

### Eco-toxicity

0% of the mixture consists of components of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Orange Terpenes 5989-27-5	-	0.619 - 0.796 in Pimephates promeias mg/L LC50 flow-through 35.96 h Oncorhynchus mykiss mg/L LC50	-

### Persistence and degradability

No information available

### Bioaccumulation

No information available

### Other adverse effects

No information available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### **Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated packaging**

No information available.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Orange Terpenes 5989-27-5	Toxic

## 14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information please contact the distributor listed in Section 1 of this SDS

### DOT

**UN/ID No.**

UN2319

**Proper shipping name**

Terpene Hydrocarbons. n.o.s.

**Hazard class**

3

**Packing Group**

III

**Special Provisions**

DOT label/Placard Exemption § 173.150(f) applies.



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**15. REGULATORY INFORMATION****International Inventories****TSCA** Complies**DSL/NDSL** Complies**Legend****TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Super-fund 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.

**SARA 311/312 Hazard Categories****Acute health hazard** Yes**Chronic Health hazard** No**Fire hazard** No**Sudden release of pressure hazard** No**Reactive hazard** No**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 Super-fund Amendments and Reauthorization Act (SARA) (40 CFR355). There may be specific reporting requirements at the local, regional or state level pertaining to releases of this material.

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**FDA**

The United States FDA lists D-Limonene as GRAS in 21 CFR sections 182.20 and 182.6

**U.S. State Right-to-Know regulations****U.S. EPA Label Information**

**EPA Pesticides Registration Number:** Not Applicable

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## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health Hazards</b>	2	<b>Flammability</b>	2	<b>Instability</b>	0	<b>Physical and Chemical Properties</b>	Yes
<b>HMIS</b>	<b>Health Hazards</b>	2	<b>Flammability</b>	2	<b>Physical Hazards</b>	0	<b>Personal Protection</b>	B

**Issue Date** 1 October 2019  
**Revision Date** 1 October 2019  
**Revision Note**  
 No information available

### Disclaimer

The information provided in this Safety data Sheet is correct to the best of our knowledge. Information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.