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
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

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.

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.

5. FIRE - FIGHTING MEASURES

Suitable extinguishing media
Use: Dry chemical. Carbon dioxide (CO 2). Water spray (fog). Alcohol resistant foam.

Unsuitable extinguishing media
Caution: Use of water spray when fighting fore 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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear
Color	Colorless
Odor	Citrus
Odor threshold	No information available

Property	Values	Remarks * Methods
pH	Not an Aqueous Solution	
Specific Gravity	.92	
Viscosity	Water Thin	
Melting point/freezing point	No information available	
Flash point	> 200^{0}F	
Boiling point/boiling range	No information available	
Evaporation rate	.02	(butyl acetate = 1)
Flammability (solid,gas)		
Flammability Limits in Air		
Upper flammability limits	No information available	
Lower flammability limits	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Water solubility	Insoluble in water	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	

Other information

Density Lbs./Gal	8.1

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

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.

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.

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 nor 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

16. OTHER INFORMATION

NFPA	**Health Hazards**	2	**Flammability**	2	**Instability**	0	**Physical and Chemical Properties**	Yes	
HMIS	**Health Hazards**	2	**Flammability**	2	**Physical Hazards**	0	**Personal Protection**	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 ass 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.