

SAFETY DATA SHEETaccording to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision date: 04/15/2015**Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking****1.1 – Product Identifier**

Product Form: Mixture
Product Name: Pursue-323 Citrus Solvent Power Cleaner
Product Code: 5555-03

1.2 – Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Use of the Substance/Mixture: Degreaser, Cleaning (Liquids)

1.3 – Details of the Supplier of the Safety Data Sheet

Sold By: Gabriel First Corp.
Address: 233 W. Commercial Street
East Rochester, NY 14445
Telephone: 585-381-7000

1.4 – Emergency Telephone Number

Emergency Number: 800-424-9300

Section 2 – Hazards Identification**2.1 – Classification of the Substance or Mixture****Classification (GHS-US)**

Flam. Liq. 4: H227
Skin Irrit. 2: H315
Skin Sens. 1: H317

Full text of H-phrases: see Section 16

2.2 – Label Elements**GHS-US Labeling:****Hazard Pictograms (GHS-US):**

GHS07

Signal Word (GHS-US):

Warning

Hazard Statements (GHS-US):

H227 - Combustible liquid.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.

Precautionary Statements (GHS-US):

P210 - Keep away from heat/sparks/open flames}. - No smoking.
P261 - Avoid breathing dust/mist/spray.
P264 - Wash hands and forearms thoroughly after handling.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear protective gloves/eye protection/face protection.
P302+P352 - If on skin: Wash with plenty of soap and water.
P321 - Specific treatment (see First aid measures on this label).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362 - Take off contaminated clothing and wash it before reuse.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use appropriate media to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

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2.3 – Other Hazards

No additional information available.

2.4 – Unknown Acute Toxicity (GHS-US)

Not applicable.

Section 3 – Composition/Information on Ingredients

3.1 – Substance

Not applicable.

3.2 – Mixture

Name	Product Identifier	%	Classification (GHS-US)
(+)-limonene	(CAS No) 5989-27-5	>= 80	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317

Full text of H-phrases: see Section 16

Section 4 – First Aid Measures

4.1 – Description of First Aid Measures

First Aid Measures General:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First Aid Measures After Inhalation:

Allow victim to breathe fresh air. Allow the victim to rest.

First Aid Measures After Skin Contact:

Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see First aid measures on this label). If skin irritation or rash occurs:

First Aid Measures After Eye Contact:

Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First Aid Measures After Ingestion:

Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2 – Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Injuries After Inhalation:

May cause an allergic skin reaction.

Symptoms/Injuries After Skin Contact:

Causes skin irritation.

4.3 – Indication of Any Immediate Medical Attention and Special Treatment Needed

No additional information available.

Section 5 – Firefighting Measures

5.1 – Extinguishing Media

Suitable Extinguishing Media:

Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable Extinguishing Media:

Do not use a heavy water stream.

5.2 – Special Hazards Arising From the Substance or Mixture

Fire Hazard:

Combustible liquid.

Explosion Hazard:

May form flammable/explosive vapor-air mixture.

5.3 – Advice for Firefighters

Firefighting Instructions:

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection During Firefighting:

Do not enter fire area without proper protective equipment, including respiratory protection.

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Section 6 – Accidental Release Measures

6.1 – Personal Precautions, Protective Equipment and Emergency Procedures

- General Measures** Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
- 6.1.1: For Non-Emergency Personnel**
- Emergency Procedures:** Evacuate unnecessary personnel.
- 6.1.2: For Emergency Responders**
- Protective Equipment:** Equip cleanup crew with proper protection.
- Emergency Procedures:** Ventilate area.

6.2 – Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 – Methods and Material for Containment and Cleaning Up

- Methods for Cleaning Up:** Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4 – Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

Section 7 – Handling and Storage

7.1 – Precautions for Safe Handling

- Additional Hazards When Processed:** Handle empty containers with care because residual vapors are flammable. Keep away from heat/sparks/open flames}. - No smoking.
- Precautions For Safe Handling:** 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. Avoid breathing dust/mist/spray.
- Hygiene Measures:** Wash hands and forearms thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2 – Conditions for Safe Storage, Including Any Incompatibilities

- Technical Measures:** Proper grounding procedures to avoid static electricity should be followed.
- Storage Conditions:** Keep only in the original container in a cool, well ventilated place away from heat, hot surfaces, sparks, open flame and other ignition sources. No smoking. Keep container closed when not in use. Keep in fireproof place.
- Incompatible Products:** Strong bases. Strong acids.
- Incompatible Materials:** Sources of ignition. Direct sunlight. Heat sources.

7.3 – Specific End Use(s)

No additional information available.

Section 8 – Exposure Controls/Personal Protection

8.1 – Control Parameters

Pursue-323	
ACGIH	Not applicable
OSHA	Not applicable
(+)-limonene (5989-27-5)	
ACGIH	Not applicable
OSHA	Not applicable

8.2 – Exposure Controls

- Personal Protective Equipment:** Avoid all unnecessary exposure.
- Hand Protection:** Wear protective gloves/eye protection/face protection.
- Eye Protection;** Chemical goggles or safety glasses.
- Skin And Body Protection;** Wear suitable protective clothing.
- Respiratory Protection:** Wear appropriate mask.
- Other Information:** Do not eat, drink or smoke during use.

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Section 9 – Physical and Chemical Properties

9.1 – Information on Basic Physical and Chemical Properties

Physical State:	Liquid
Color:	Light yellow
Odor:	Citrus fruits
Odor Threshold:	No data available
pH:	N/A
Melting Point:	No data available
Freezing Point:	No data available
Boiling Point:	310 °F
Flash Point:	145 °F
Relative Evaporation Rate (Butyl Acetate=1):	No data available
Flammability (Solid, Gas);	No data available
Explosion Limits:	No data available
Explosive Properties:	No data available
Oxidizing Properties;	No data available
Vapor Pressure:	No data available
Relative Density:	0.85
Relative Vapor Density At 20 °C:	4.9
Solubility:	Moderately soluble in water. Water: Solubility in water of component(s) of the mixture : • :
Log Pow:	No data available
Log Kow:	No data available
Auto-Ignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available
Viscosity, Kinematic:	No data available
Viscosity, Dynamic:	No data available

9.2 – Other Information

No additional information available.

Section 10 – Stability and Reactivity

10.1 – Reactivity

No additional information available.

10.2 – Chemical Stability

Stable under normal conditions. Combustible liquid. May form flammable/explosive vapor-air mixture.

10.3 – Possibility of Hazardous Reactions

Not established.

10.4 – Conditions to Avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

10.5 – Incompatible Materials

Strong acids. Strong bases.

10.6 – Hazardous Decomposition Products

Fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

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Section 11 – Toxicological Information

11.1 – Information on Toxicological Effects

Acute Toxicity: Not classified

(+)-limonene (5989-27-5)	
LD50 oral rat	4400 mg/kg body weight (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Literature study; > 2000 mg/kg bodyweight; Rat; Read-across)
LD50 dermal rabbit	> 5000 mg/kg body weight (Rabbit; Weight of evidence; Equivalent or similar to OECD 402)
ATE US (oral)	4400.000 mg/kg body weight

Skin Corrosion/Irritation: Causes skin irritation.
pH: N/A

Serious Eye Damage/Irritation: Not classified
pH: N/A

Respiratory Or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

(+)-limonene (5989-27-5)	
IARC group	3 - Not classifiable

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (single exposure): Not classified

Specific Target Organ Toxicity (repeated exposure): Not classified

Aspiration Hazard: Not classified

Potential Adverse Human Health Effects and Symptoms: Based on available data, the classification criteria are not met.

Symptoms/Injuries After Inhalation; May cause an allergic skin reaction.

Symptoms/Injuries After Skin Contact: Causes skin irritation.

Section 12 – Ecological Information

12.1 – Toxicity

(+)-limonene (5989-27-5)	
LC50 fish 1	720 µg/l (96 h; Pimephales promelas; Lethal)
EC50 Daphnia 1	0.36 mg/l (48 h; Daphnia magna; GLP)
LC50 fish 2	702 µg/l (96 h; Pimephales promelas)
Threshold limit algae 1	150 mg/l (72 h; Desmodesmus subspicatus; GLP)
Threshold limit algae 2	2.62 mg/l (72 h; Desmodesmus subspicatus)

12.2 – Persistence and Degradability

Pursue-323	
Persistence and degradability	Not established.
(+)-limonene (5989-27-5)	
Persistence and degradability	Readily biodegradable in water. Forming sediments in water. Adsorbs into the soil.
ThOD	3.29 g O ₂ /g substance

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12.3 – Bioaccumulative Potential

Pursue-323	
Bioaccumulative potential	Not established.
(+)-limonene (5989-27-5)	
BCF fish 1	864.8 - 1022 (Pisces; Fresh weight)
Log Pow	4.38 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 37 °C)
Bioaccumulative potential	Potential for bioaccumulation ($4 \geq \text{Log Kow} \leq 5$).

12.4 – Mobility in Soil

No additional information available

12.5 – Other Adverse Effects

Effect On The Global Warming:

No known ecological damage caused by this product.

Other Information:

Avoid release to the environment.

Section 13 – Disposal Considerations

13.1 – Waste Treatment Methods

Waste Disposal Recommendations:

Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional Information:

Handle empty containers with care because residual vapors are flammable.

Ecology - Waste Materials:

Avoid release to the environment.

Section 14 – Transport Information

Department of Transportation (DOT)

In Accordance With DOT:

Not regulated for transport.

Additional Information

Other Information:

No supplementary information available.

ADR:

No additional information available.

Transport by Sea:

No additional information available.

Air Transport:

No additional information available.

Section 15 – Regulatory Information

15.1 – US Federal Regulations

(+)-limonene (5989-27-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 – International Regulations

CANADA

No additional information available.

EU-Regulations

No additional information available.

Classification According to Regulation (EC) No. 1272/2008 [CLP]

No additional information available.

Classification According to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified.

National Regulations

No additional information available

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Section 16 – Other Information

Revision Date: 04/15/2015
Other Information: None.

Full text of H-phrases:

Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
H226	Flammable liquid and vapor.
H227	Combustible liquid.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

HMIS III Rating

Health: 2 - Moderate Hazard - Temporary or minor injury may occur.
Flammability: 2 - Moderate Hazard - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100 F but below 200 F. (Classes II & IIIA)
Physical: 1 - Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.
Personal Protection: B
B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)