

Sunbrella® Extract™ Oil Based Stain Remover



Safety Data Sheet

according to Federal Register / Vol. 77, No 58 / Monday, March 26, 2012

Rules and Regulations Issue date: 08/17/2017

Revision date: 11/08/2022

Supercedes: 11/08/2022

Version 1.1

Section 1: Identification

1.1 Identification

Product form	Aerosol
Trade name	Sunbrella Extract Oil Based Stain Remover
Generic Name or Description	Specific-use stain lifter
Part numbers	GRN_EXTRACT_05

1.2 Recommended use and restrictions on use

Recommended use	Read label before use.
Restrictions on use	Use per the label directions

1.3 Supplier

Distributor	Glen Raven Consumer Solutions, LLC Corporate Office 1831 North Park Avenue Burlington, North Carolina, 27127 USA T: 336-227-6211 www.sunbrella.com
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1.4 Emergency telephone number

Emergency number	INFOTrac: 1-800-535-5053
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Section 2: Hazard(s) identification

2.1 Classification of the substance or mixture

GHS US classification

Aerosols Category 1	H222	Extremely flammable aerosol
Gasses under pressure, dissolved	H280	Contains gas under pressure; may explode if heated
Aspiration hazard Category 1	H304	May be fatal if swallowed and enters airways

2.2 GHS Label elements, including precautionary statements

GHS US labeling

Note: Labeling elements found on the SDS may be different from actual hazards listed on product label. Safety Data Sheets are regulated by OSHA (29 CFR, 1910.1200 (Hazard Communication)) while the actual product and product label may be regulated by a different government entity. Please contact the responsible party (as listed in Section 1) if you have any questions.

Hazard pictograms (GHS US)



Signal word (GHS US)

Danger

Hazard statements (GHS US)

H222	Extremely flammable aerosol
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways

Precautionary statements (GHS US)

Prevention

P102	Keep out of reach of children
P210	Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.

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Response	P301 + P316	IF SWALLOWED: Get emergency medical help immediately.
	P331	Do NOT induce vomiting.
Storage	P403	Store in a well-ventilated place.
	P405	Store locked up.
	P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal	P501	Dispose of container in accordance with local regulations

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable.

2.5. NFPA & HMIS Ratings (GHS US)

<p>NFPA (Scale 0-4)</p> <p>0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme</p>	<p>HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0</p>						
<p>HMIS® III (Scale 0-4)</p> <p>0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme</p>	<table border="1"> <tr> <td>HEALTH</td> <td>1</td> </tr> <tr> <td>FLAMMABILITY</td> <td>4</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td>2</td> </tr> </table>	HEALTH	1	FLAMMABILITY	4	PHYSICAL HAZARD	2
HEALTH	1						
FLAMMABILITY	4						
PHYSICAL HAZARD	2						

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Section 3: Composition/information on ingredients

3.1 Hazardous Ingredients

Name	Product identifier	%	GHS US classification
Hexamethyldisiloxane	CAS-No.: 107-46-0	30 - 60	FLAMMABLE
Pentane	CAS-No.: 109-66-0	10 - 30	ASP TOX, FLAMMABLE
Silicon Dioxide	CAS-No.: 112926-00-8	1 - 5	NOT HAZARDOUS
1,1-difluoroethane	CAS-No.: 75-37-6	15 - 40	FLAMMABLE, GAS UNDER PRESSURE

3.2 Trade Secret Claims and Notes

Trade Secret Claim	When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers are released to ensure that each user has entitlements of "right to know" and concentration ranges are selected to ensure that the appropriate hazard classification applies to the mixture. Ingredients not subject to Trade Secret claims are listed at an exact concentration. For more information please contact the responsible party as listed in Section 1.
Notes	This product may contain other ingredients that are not required to be disclosed on the label or safety data sheet. Any ingredient that is not listed on either the SDS or label is not considered hazardous and poses no risk to the user.

Section 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	Have SDS or product label if medical advice is needed. Seek a medical professional or doctor if you feel unwell or if any irritation persists. Specific hazard information can be found in Section 2 of this SDS.
First-aid measures after skin contact	Wash skin with soap and water. Remove/Take off immediately all contaminated clothing and launder before reuse.
First-aid measures after eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing for at least 10 minutes or until satisfied.
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. Administer oxygen if breathing is difficult. If breathing has stopped give artificial respiration and seek medical attention immediately.
First-aid measures after ingestion	Do not induce vomiting unless instructed to do so by a medical professional. Never give anything by mouth to an unconscious person. Call a physician immediately.

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4.2 Most important symptoms and effects (acute and delayed)

Skin contact symptoms	Product may dry and crack skin. If irritation/corrosion occurs skin will turn red and will feel itchy or uncomfortable.
Eye contact symptoms	Eye sight may become blurry on contact. Redness, irritation, and tearing may also be associated with exposure.
Inhalation symptoms	Excessive inhalation may cause respiratory irritation, dizziness, drowsiness, fatigue, nausea, headache, possible unconsciousness, shortness of breath, or vertigo.
Ingestion symptoms	May cause intestinal irritation, nausea, diarrhea, or vomiting. Aspiration may be fatal in some situations.

4.3. Immediate medical attention and special treatment, if necessary

Refer to Section 2.2. to determine when immediate medical attention is necessary. Most immediate emergencies result from over-exposure, inhalation, or ingestion of product.

Section 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	Dry chemical, sand, or carbon dioxide after spray has stopped. If extinguishing methods are unavailable cool the container with water if exposed to heat or flame. Remove the container from fire area if it can be done without further risk.
Unsuitable extinguishing media	None known

5.2. Specific hazards arising from the chemical

Fire hazard	Product concentrate is considered flammable and will act as a fuel to fire even if Section 2 does not explicitly state that the product is flammable.
Explosion/Combustion Hazard	Contents under pressure. May explode if exposed to heat greater than 122°F or 50°C

5.3. Special protective equipment and precautions for fire-fighters

Suggested protective equipment	No suggested equipment is available for recommendation
Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

If released or spilled	Remove or eliminate all sources of ignition. Establish ventilation to keep atmospheric concentrations below limits. Avoid breathing vapors. Wear protective equipment. Remove and keep all unprotected persons away from area.
Recommended protective equipment	See section 8 for appropriate personal protection gear for safe handling in case of accidental release or spillage.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Neutralizing chemical	Absorb into clay-like absorbent material
Waste disposal method	Do not release into sewage or waterways. Contact a professional waste removal company to dispose of chemical in accordance with state, local, and federal regulations.

Section 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment.
Hygiene measures	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store locked up in a well-ventilated area. Protect container from sunlight. Never store in a vehicle. Do not expose to temperatures above 122°F or 50°C. Keep away from heat and other sources of ignition. Keep away from oxidizing agents and watery environments. Store upright without excessive load on top.
Specific hazards for storage	Contents are under pressure; may explode if heated.

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Section 8: Exposure controls/personal protection

8.1. Control parameters

Chemical name	Identifier (CAS No.)	PEL	ACGIH	NIOSH
Pentane	109-66-0	1000 ppm	600 ppm	120 ppm

8.2. Appropriate engineering controls

Good mechanical ventilation may be adequate to maintain airborne concentrations below established exposure limits for large uncontrolled releases. If exposure limits are exceeded and inhaled: use a NIOSH approved respirator.

8.3. Individual protection measures/Personal protective equipment

Eye protection:	Use NIOSH/OSHA or EN 166 approved eye protection
Skin protection:	Handle material with gloves and protective clothing. Inspect gloves prior to use. Use proper glove removal techniques so that no skin comes into contact with the outside of the glove. Gloves must be chemically resistant (such as rubber).
Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment
General Hygiene:	Practice good industrial hygiene. Wash hands before breaks and at the end of the workday. Keep product away from foodstuffs, beverages, and feed. Wash and launder all contaminated clothing before reuse.
Personal protective equipment symbol(s):	

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	No data are available or specific property is not applicable to product.
Odor	No data are available or specific property is not applicable to product.
Odor threshold	No data are available or specific property is not applicable to product.
pH	No data are available or specific property is not applicable to product.
Melting point/freezing point	-59°C (concentrate)
Initial boiling point and range	101°C (concentrate)
Flash point	No data are available or specific property is not applicable to product.
Evaporation rate	No data are available or specific property is not applicable to product.
Flammability	Flammable propellant and liquid
Flame extension distance	Mixture is >85% flammable components
Upper/lower explosive limits	No data are available or specific property is not applicable to product.
Vapor pressure	No data are available or specific property is not applicable to product.
Vapor density	No data are available or specific property is not applicable to product.
Relative density	No data are available or specific property is not applicable to product.
Solubility	No data are available or specific property is not applicable to product.
Partition coefficient	No data are available or specific property is not applicable to product.
Auto-ignition temperature	No data are available or specific property is not applicable to product.
Decomposition temperature	No data are available or specific property is not applicable to product.
Viscosity	No data are available or specific property is not applicable to product.

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9.2. Other information

VOC content

No data is available or specific property is not applicable to product.

Section 10: Stability and reactivity

10.1. Reactivity

Not determined or not applicable.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat, sparks, open flames, ignition sources, sunlight, and watery or moist environments.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Not determined or not applicable.

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Section 11: Toxicological information

11.1. Likely routes of exposure

Toxicological exposure may occur via inhalation, ingestion, oral contact, and dermal contact based on the area exposed during use. Symptoms are more likely to increase the longer the exposure to the chemical.

11.2. Symptoms related to the physical, chemical, and toxicological characteristics

Not determined or not applicable.

11.3. Delayed, chronic, and immediate effects of short- and long-term exposure

Not determined or not applicable.

11.4. Numerical measures of toxicity

Acute Toxicity Estimate – Oral	Chemical contains no ingredients considered to be toxic
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Acute Toxicity Estimate – Dermal	Chemical contains no ingredients considered to be toxic
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Acute Toxicity Estimate – Inhalation	Chemical contains no ingredients considered to be toxic
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11.5. Hazardous chemicals listings

National Toxicology Program Report	No ingredients are listed
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International Agency for Research on Cancer	No ingredients are listed
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Section 12: Ecological information

12.1. Ecotoxicity

Product is considered an environmental hazard. Avoid release of mixture in sewage or waterways.

Acute Toxicity Estimates for LC50 rainbow trout is 1.12 mg/L 96h which would classify mixture as Acute Aquatic Toxicity, category 2, and Chronic Aquatic Toxicity, category 2, for non-OSHA regulations.

12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

Not determined or not applicable.

12.4. Mobility in soil

Not determined or not applicable.

12.5. Other adverse effects

Not determined or not applicable.

Section 13: Disposal considerations

13.1. Precautions for proper disposal

Container may be recycled. Before recycling: ensure container is completely emptied by pressing, and holding, the nozzle button until all the contents of the container are released. Continue to hold button down until any remaining gas has escaped the container. Never open an aerosol container. Contact your local waste removal company before recycling to ensure compliance with local regulations.

13.2. Other information

Consult with a licensed waste removal company for proper disposal considerations. Dispose of product in accordance to local, state, and federal regulations.

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Section 14: Transport information	
In accordance with DOT / TDG / IMDG	
14.1. UN number	
UN shipping number	1950
UN proper shipping name	Aerosol
UN proper shipping name	-
14.2. United States Department of Transportation information	
Transport hazard class	2.1, 9
D.O.T. shipping name	2.1 Flammable Gas, Aerosol, Environmental Hazard
D.O.T. classification	Limited Quantity
Flammability group	Level 3 Aerosol
Shipping placards	
14.3. Other information	
Environmental hazards	Is hazardous to aquatic environments
International bulk chemical code	Not determined
Special precautions	Ship container upright without excessive load on top

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Section 15: Regulatory information

15.1. US Federal regulations

SARA 302 components	No ingredients are subject to reporting
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SARA 313 components	No ingredients are subject to reporting
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15.2. Specific state regulations

California Prop 65 components	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.
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California ARB classification	-
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15.3. Regulating government agencies

Note	The product label and its wording and symbols may differ from the hazard categories, statements, and wording that are presented in this SDS. This might occur if the product is not subject to OSHA labeling requirements or if the product is regulated by a different government agency (such as the Consumer Product Safety Commission, Food and Drug Administration, or the Environmental Protection Agency). The label may also indicate additional hazards or precautions that are not listed on this safety data sheet—this is done at the discretion of the responsible party and only serves to ensure that the user's safety is prioritized above government regulation.
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Section 16: Other information

16.1. Statement of warranty

This SDS was completed using the most up-to-date information available at the time of its completion using a variety of credited information sources and scientific databases on chemical hazards—however; no representation, warranty, or guarantee is made to the SDS's accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself/herself as to the suitability and completeness of such information for his or her particular use. We do not accept any liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement. The SDS does not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship: explicit or implied. The product associated with this SDS has undergone limited testing and all hazards, besides flammability testing, are assumed from the individual ingredients in the mixture, diluted for potency. For a list of hazardous ingredients please refer to Section 3 of this SDS. It is the SDS's objective to provide as much information on the mixture as possible so that users can become more educated to the specific hazards associated with the product's use; however, this does not imply that the SDS is finalized as to its hazard classifications—as such, it is imperative that users ensure that this SDS is updated when a new version becomes available. For more information please contact the responsible party which can be found in Section 1 of this SDS.

16.2. Date of preparation and revision

Please refer to the top right corner of the first page of this SDS for appropriate creation and revision dates. It is the user's responsibility to ensure that the SDS kept on file is the most up-to-date version of the SDS.

Sunbrella[®] is a registered trademark of Glen Raven, Inc.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.