

Sunbrella® Renew™ Mold & Mildew Stain Remover



Safety Data Sheet

According to Federal Register / Vol. 77, No 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 08/08/2011

Revision Date: 01/28/2025

Supersedes: 08/08/2011

Version 1.3

Section 1. Identification

1.1 Identification

Trade name	Sunbrella Renew Mold & Mildew Stain Remover
Synonym	038600
Part numbers	GRN_RENEW_32

1.2 Recommended use and restrictions on use

Recommended use	Mold and mildew stain remover.
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1.3 Distributor

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 telephone	INFOTrac: 1-800-535-5053
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Section 2. Hazards Identification

2.1 Classification of the substance or mixture

Appearance	Straw
Physical state	Liquid
Odor	Fresh clean

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GHS US classification		
Skin corrosion/irritation Category 1 Sub-category B	H314	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation Category 1	H318	Causes serious eye damage.
2.2 GHS label elements, including precautionary statements		
GHS US labeling		
Hazard pictograms (GHS US)		
Signal word (GHS US)	Danger	
Hazard statements (GHS US)	Causes severe skin burns and eye damage.	
Precautionary statements (GHS US)		
Prevention	Do not breathe mists.	
	Wash face, hands and any exposed skin thoroughly after handling.	
	Wear protective gloves/protective clothing/eye protection/face protection.	
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.	
	If on skin (or hair): Take all contaminated clothing off immediately. Rinse skin with water. Wash contaminated clothing before reuse.	
	If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.	
	If swallowed: Rinse mouth. Do NOT induce vomiting.	
	Specific treatment: Remove from exposure and treat symptoms.	

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Storage	Store locked up.
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Disposal	Dispose of contents/container to an approved waste disposal plant.
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2.3. Other hazards which do not result in classification

Very toxic to aquatic life with long-lasting effects.

Very toxic to aquatic life.

2.4 Unknown acute toxicity (GHS US)

1.16% of the mixture consists of ingredient(s) of unknown toxicity

Section 3. Composition/Information on Ingredients

3.1 Substances

Chemical name	CAS-No.	Weight (%)
Sodium hypochlorite	7681-52-9	1-5
Lauramine oxide	1643-20-5	1-5

If Chemical name/CAS-No. is "proprietary" and/or Weight (%) is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Section 4. First Aid Measures

4.1 Descriptions of first aid measures

Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
Skin contact	If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention.
Ingestion	Never give anything by mouth to an unconscious person. Clean mouth with water and drink plenty of water afterwards. Do NOT induce vomiting. Call a physician immediately.

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4.2 Most important symptoms and effects (acute and delayed)

Symptoms

Causes serious eye damage. Prolonged or repeated exposure can remove natural skin oils and may produce irritation or damage. Chronic exposure may cause liver, kidney and/or blood disorders.

4.3. Immediate medical attention and special treatment, if necessary

Notes to physician

Treat symptomatically. May aggravate pre-existing skin disorders.

Section 5. Firefighting Measures

5.1 Suitable extinguishing media

Water spray (fog). Carbon dioxide (CO₂). Water. Foam.

5.2 Unsuitable extinguishing media

Not determined.

5.3 Specific hazards arising from the chemical

None known.

5.4 Hazardous combustion products

Normal products of combustion.

5.5 Special protective equipment and precautions for firefighters

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

Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

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6.2 Environmental precautions

Environmental precautions	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information, and Section 13, Disposal Considerations, for additional information.
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6.3 Methods and material for containment and cleaning up

Methods for containment	Prevent from spreading or entering drains, ditches, or rivers by using sand, earth, or other appropriate barriers.
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Methods for cleaning up	Contain and collect with an inert absorbent and place into an appropriate container for disposal.
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Section 7. Handling and Storage

7.1 Precautions for safe handling

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. For industrial and commercial use only. Avoid contact with skin, eyes, or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Take off all contaminated clothing and wash before reuse.
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7.2 Conditions for safe storage, including any incompatibilities

Storage conditions	Keep container tightly closed and store in a cool, dry and well-ventilated place. Protect from freezing. Keep out of the reach of children.
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Incompatible materials	Acids. Oxidizing agents. Ammonia.
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Section 8. Exposure Controls / Personal Protection

8.1 Exposure guidelines

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

8.2 Appropriate engineering controls

Engineering controls	Use in well-ventilated areas.
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8.3 Individual protection measures, such as personal protective equipment	
Eye/face protection	Use chemical splash goggles or glasses as necessary to prevent contact.
Skin and body protection	Protective chemical-impervious gloves of butyl rubber, nitrile rubber or PVC, chemical-resistant suit, and boots.
Respiratory protection	Under normal conditions, respirator is not required. Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation, wear respiratory protection.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practices.

Section 9. Physical and Chemical Properties

Information on basic physical and chemical properties		
Physical state	Liquid	
Appearance	Clear	
Color	Straw	
Odor	Fresh clean	
Odor threshold	Not determined.	
Property	Values	Remarks / Method
pH	12.5-13.0	
Melting point/freezing point	~0°C / ~32°F	
Boiling point/boiling range	~100°C / ~212°F	
Flash point	Not applicable.	
Evaporation rate	Not determined.	
Flammability (solid, gas)	Liquid - not applicable.	
Upper flammability limits	Not applicable.	

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Property	Values	Remarks / Method
Lower flammability limit	Not applicable.	
Vapor pressure	Not determined.	
Vapor density	Not determined.	
Specific gravity	1.08	
Water solubility	Completely soluble.	@ 25°C (77°F)
Solubility in other solvents	Not determined.	
Partition coefficient	Not determined.	
Auto-ignition temperature	Not determined.	
Decomposition temperature	Not determined.	
Kinematic viscosity	Not determined.	
Dynamic viscosity	Not determined.	
Explosive properties	Not determined.	
Oxidizing properties	Not determined.	

Section 10. Stability and Reactivity

10.1 Reactivity

Not reactive under normal conditions.

10.2 Stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

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10.4 Conditions to avoid

Keep out of reach of children. Keep from freezing.

10.5 Incompatible materials

Acids. Oxidizing agents. Ammonia.

10.6 Hazardous decomposition products

Normal products of combustion.

Section 11. Toxicological Information

11.1 Information on toxicological effects

Eye contact	Causes serious eye damage.
Skin contact	Causes skin irritation.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not taste or swallow.

11.2 Component information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium hypochlorite 7681-52-9	= 8200 mg/kg (Rat)	>10000 mg/kg (Rabbit)	-

11.3 Information on physical, chemical and toxicological effects

Symptoms	Please see Section 4 of this SDS for symptoms.
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11.4 Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	Not classifiable as human carcinogens.
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Chemical name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite 7681-52-9		Group 3		

IARC (International Agency for Research on Cancer)
Group 3 IARC components are "not classifiable as human carcinogens"

Chronic toxicity Chronic exposure may cause liver, kidney and/or blood disorders.

11.5 Numerical measures of toxicity

Not determined.

Unknown acute toxicity 1.16% of the mixture consists of ingredient(s) of unknown toxicity.

Section 12. Ecological Information

12.1 Ecotoxicity

Very toxic to aquatic life with long-lasting effects.

12.2 Component information

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium hypochlorite 7681-52-9	0.095: 24 h Skeletonema costatum mg/L EC50	0.06 - 0.11: 96 h Pimephales promelas mg/L LC50 flow- through 4.5 - 7.6: 96 h Pimephales promelas mg/L LC50 static 0.4 - 0.8: 96 h Lepomis macrochirus mg/L LC50 static 0.28 - 1: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.05 - 0.771: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.03 - 0.19: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 0.18 - 0.22: 96 h Oncorhynchus mykiss mg/L LC50 static	-	2.1: 96 h Daphnia magna mg/L EC50 0.033 - 0.044: 48 h Daphnia magna mg/L EC50 Static

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12.3 Persistence/degradability	
Not determined.	
12.4 Bioaccumulative potential	
Not determined.	
12.5 Mobility	
Not determined.	
12.6 Other adverse effects	
Not determined.	
Section 13. Disposal Considerations	
13.1 Disposal methods	
Disposal of wastes	Disposal should be in accordance with applicable regional, national, and local laws and regulations.
Contaminated packaging	Disposal should be in accordance with applicable regional, national, and local laws and regulations.
Section 14. Transport Information	
Note	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
DOT	Gallon Containers or Larger: UN1760, Corrosive Liquid, NOS (Containing Sodium Hypochlorite), 8, PG II.
IATA	49 CFR §173.154 (Exemption): This product can ship "Limited Quantity" if packaged in containers < 1.0L (0.3 gallons).
IMDG	This material may meet the definition of a marine pollutant.

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Section 15. Regulatory Information

15.1 International inventories

Canada – Domestic Substances List (DSL)

All ingredients are listed or exempt.

TSCA (Toxic Substances Control Act)

All ingredients are listed or exempt.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

15.2 US federal regulations

15.2.1 CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous substances RQs	CERCLA/SARA RQ	Reportable quantity (RQ)
Sodium hypochlorite 7681-52-9	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ

15.2.2 SARA 311/312 hazard categories

Acute health hazard	Yes
Chronic health hazard	Yes
Reactive hazard	Yes

15.2.3 SARA 313

Section 313 of Title III of the Superfund 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.

15.2.4 CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

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Component	CWA - reportable quantities	CWA - toxic pollutants	CWA - priority pollutants	CWA - hazardous substances
Sodium hypochlorite 7681-52-9	100 lb			X

15.3 US state regulations

15.3.1 California Proposition 65

This product does not contain any Proposition 65 chemicals.

15.3.2 US state right-to-know regulations

Chemical name	State list
Sodium hypochlorite 7681-52-9	MA, NJ, PA

AZ – Arizona Ambient Air Quality Guidelines
 CT – Connecticut Hazardous Air Pollutants
 CA – California Director’s List of Hazardous Substances
 CAP65 – California Prop 65
 FL – Florida Substances List
 ID – Idaho Non-Carcinogen Toxic Air Pollutants

IL – Illinois Toxic Air Contaminant - Carcinogenic
 MA – Massachusetts Right to Know List
 MN – Minnesota Hazardous Substances List
 NJ – New Jersey Right to Know List
 PA – Pennsylvania Right to Know List
 RI – Rhode Island Hazardous Substances List

Section 16. Other Information

Issue date	08-Aug-2011
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Revision note	Version 1.2 Updated Section 3

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.

Keep out of reach of children.

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.