



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

Section 1. Identification			
1.1 Identification			
Trade name	Sunbrella Erase Stain & Spot Remover		
Synonym	038600		
Part numbers	GRN_ERASE_02		
1.2 Recommended use and restri	ictions on use		
Recommended use	Mold and mildew stain & spot remover.		
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		
1.4 Emergency telephone numbe	er		
Emergency telephone	INFOTrac: 1-800-535-5053		
Section 2. Hazards Identification			
2.1 Classification of the substance or mixture			
Appearance	Straw		
Physical state	Liquid		
Odor	Fresh clean		





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

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 pre	ecautionary statements		
GHS US labeling			
Hazard pictograms (GHS US)			
Signal word (GHS US)	Danger		
Hazard statments (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.			





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

Storage	Store locked up.
Disposal	Dispose of contents/container to an approved waste disposal plant.

#### 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

<sup>\*\*</sup>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.

Sunbrella $^{\rm 8}$  is a registered trademark of Glen Raven, Inc.





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

4.2 Most important symptoms and	leffects	(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 (CO<sub>2</sub>). 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.





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

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.		
6.3 Methods and material for cor	ntainment and cleaning up		
Methods for containment	Prevent from spreading or entering drains, ditches, or rivers by using sand, earth, or other appropriate barriers.		
Methods for cleaning up	Contain and collect with an inert absorbent and place into an appropriate container for disposal.		
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.		
7.2 Conditions for safe storage, i	ncluding 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.		
Incompatible materials	Acids. Oxidizing agents. Ammonia.		
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 con	trols		
Engineering controls	Use in well-ventilated areas.		





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

8.3 Individual protection measures, such as personal protective equipment					
Eye/face protection	Use chemical splas	h goggles or glasses as necessary to prevent con	tact.		
Skin and body protection		Protective chemical-impervious gloves of butyl rubber, nitrile rubber or PVC, chemical-resistant suit, and boots.			
Respiratory protection	Under normal conc in confined areas. I	litions, respirator is not required. Ensure adequat n case of inadequate ventilation, wear respiratory	e ventilation, especially protection.		
General hygiene considerations	Handle in accordan	nce with good industrial hygiene and safety practi	ices.		
Section 9. Physical and Chemical	Properties				
Information on basic physical and	d chemical properties				
Physical state	Liquid				
Appearance	Clear	Clear			
Color	Straw				
Odor	Fresh clean				
Odor threshold	Not determined.				
Property		Values	Remarks / Method		
рН		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.					





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

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.





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

#### 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.

#### 11.4 Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Not classifiable as human carcinogens.





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

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





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

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.		

# Sunbrella® Erase™ Stain & Spot 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 15. Regulatory Informat	on

#### 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)





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

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

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

IL – Illinois Toxic Air Contaminate - Carcinogenic

#### Section 16. Other Information

Issue date	08-Aug-2011
Revision/review date	14-Apr-2021
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.

 $\mathsf{Sunbrella}^{\scriptscriptstyle{\textcircled{\tiny{0}}}}$  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.