

Deck Restoration Plus CLEANER

Safety Data Sheet

Section 1. Identification

Product Name: Deck Restoration Plus CLEANER

Product Code:

Recommended use: Cleaning wood decks, siding and fencing

Restrictions on use: Use only as directed

Manufactured for: Abrams Deck Restoration Plus

Address: 152 Indian Mills Road
Shamong, NJ 08088

Telephone number: (866) 440-3325

Emergency phone number: (800) 535-5053 (24/7 monitoring)

Date of Preparation: December 10, 2018

Section 2. Hazard(s) Identification

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

Classification:

Physical	Health
Oxidizing Solid Category 2	Acute Toxicity Category 4 Eye Damage Category 1

Danger!



Hazard statement(s)

Causes serious eye damage.
Harmful if swallowed.
May intensify fire: oxidizer.

Precautionary statement(s)

Keep away from heat.
Keep away from clothing and other combustible materials.
Take any precaution to avoid mixing with combustible materials.
Wear protective gloves, eye protection and face protection.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
IF SWALLOWED: Call a POISON CENTER if you feel unwell.
Rinse mouth.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue

rinsing.
Immediately call a POISON CENTER.
In case of fire: Use water to extinguish.
Dispose of contents and container in accordance with local and national regulations.

Section 3. Composition / Information on Ingredients

Chemical name	CAS No.	Concentration
Sodium Percarbonate	15630-89-4	80-100%
Sodium Carbonate	497-19-8	1-5%

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4. First-Aid Measures

Inhalation: Remove victim to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get medical attention.

Skin contact: Wash thoroughly with soap and water until no traces of the chemical remains. Remove contaminated clothing and launder before reuse. Get medical attention if irritation or symptoms of exposure develops or persists.

Eye contact: Immediately flush eye with plenty water for 15 minutes while lifting the upper and lower lids. Get immediate medical attention, preferably by an ophthalmologist.

Ingestion: If conscious, rinse mouth with water. Do not induce vomiting unless directed to by medical personnel. Never give anything by mouth to a person who is unconscious or convulsing. Get medical attention.

Most important symptoms/effects, acute and delayed: May cause severe eye irritation or burns. Permanent damage may occur. May cause skin irritation. Inhalation of dust may cause mucous membrane or respiratory irritation. Harmful if swallowed.

Indication of immediate medical attention and special treatment, if necessary: If eye contact occurs or if large amounts are swallowed, get immediate medical attention.

Section 5. Fire-Fighting Measures

Suitable (and unsuitable) extinguishing media: Use water to extinguish fire.

Specific hazards arising from the chemical: Oxidizer. Product may accelerate burning or decompose explosively. May cause ignition in contact with combustibles. Do not allow run-off from fire fighting to enter drains or water courses. Runoff may cause pollution.

Special protective equipment and precautions for fire-fighters: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Fight fire from maximum distance or use unmanned hose holders. Cool fire exposure containers with water.

Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective clothing and equipment to prevent eye and skin contact.

Environmental precautions: Avoid release to the environment. Report spill as required by local and federal regulations.

Methods and materials for containment and cleaning up: Evacuate spill area and keep unprotected personnel away. Remove all combustible or flammable materials from spill area if it is safe to do so. Sweep up and place into appropriate container for disposal. Vacuum up remaining dust. Do not use combustible absorbents or towels.

Section 7. Handling and Storage

Precautions for safe handling: Prevent eye contact. Avoid contact with skin and clothing. Avoid breathing dusts. Use with adequate ventilation. Remove and launder contaminated clothing before re-use. Wash thoroughly after handling. Keep product away from all combustible and flammable materials.

Empty containers retain product residues. Follow all SDS precautions in handling empty containers.

Conditions for safe storage, including any incompatibilities: Store in a cool, well ventilated area away from combustible or reducing materials. Do not store on wooden floors. Protect containers from physical damage. Keep container tightly closed.

Section 8. Exposure Controls / Personal Protection

Exposure guidelines:

Sodium Percarbonate	5 mgm ³ TWA Manufacturer
Sodium Carbonate	None Established

Appropriate engineering controls: For operations where exposures limits are exceeded increased mechanical ventilation such as local exhaust may be required.

Personal Protective Equipment:

Respiratory protection: In areas the recommended exposure limit may be exceeded an approved respirator with dust/mist cartridges or supplied air respirator is recommended. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

Skin protection: PVC, neoprene, rubber or other impervious gloves may be worn to avoid skin contact.

Eye protection: Wear dust proof goggles to prevent eye contact. Do not wear contact lenses.

Other: For operations where contact can occur, a safety shower and an eye wash facility should be available.

Section 9. Physical and Chemical Properties

Appearance (physical state, color, etc.): White granular solid

Odor: No odor.

Odor threshold: Not applicable	pH: 10.4-10.6
Melting point/freezing point: Not available	Boiling point: Decomposes
Flash point: Not flammable	Evaporation rate: Not applicable
Flammability (solid, gas): Not flammable	
Flammable limits: LEL: Not applicable	UEL: Not applicable

Vapor pressure: Not applicable	Vapor density: Not applicable
Relative density: 2.16 (sodium percarbonate)	Solubility(ies): Decomposes
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not applicable
Decomposition temperature: >131°F / >55°C	VOC: 0 g/L

Section 10. Stability and Reactivity

Reactivity: None known.

Chemical stability: Stable

Possibility of hazardous reactions: Contamination with water and acids or reducing agents may lead to a spontaneous release of oxygen. Sodium Percarbonate will react with water releasing hydrogen peroxide and heat.

Conditions to avoid: Avoid excessive heat and moisture.

Incompatible materials: Avoid water, acids, bases, heavy metal salts, reducing agents, organic materials and combustible and flammable materials.

Hazardous decomposition products: Thermal decomposition may yield oxygen, steam and heat.

Section 11. Toxicological Information

Acute effects of exposure:

Inhalation: Inhalation of dust may cause mucous membrane and upper respiratory tract irritation.

Skin Contact: May cause skin irritation with redness and itching. Prolonged contact may cause dermatitis.

Eye Contact: May cause severe irritation or burns with redness and tearing. Permanent damage may occur.

Ingestion: Swallowing may cause bloating of the stomach, belching, nausea and vomiting.

Chronic Effects: Prolonged exposure may cause dermatitis, nosebleeds, sore throat and chronic bronchitis.

Sensitization: None of the components are sensitizing to animals or humans.

Germ Cell Mutagenicity: None of the components have been shown to cause germ cell mutagenicity.

Reproductive Toxicity: None of the components have been shown to cause reproductive or developmental toxicity.

Carcinogenicity: None of the other components of this product are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA.

Acute toxicity values:

Sodium Percarbonate: Oral rat LD50: 1034 mg/kg; Dermal rabbit >2000 mg/kg

Sodium Carbonate: Oral rat LD50 2800 mg/kg; Dermal rabbit LD50 > 2000 mg/kg; Inhalation rat LC50 2300 mg/m³.

Section 12. Ecological Information

Ecotoxicity values:

Sodium Percarbonate: 96 hr. LC50 Pimephales promelas 70.7 mg/L; 48 hr. EC50: daphnia pulex 4.9 mg/L

Sodium Carbonate: 96 hr LC50 Lepomis macrochirus 300 mg/L

Persistence and degradability: Biodegradation is not applicable to inorganic substances such as sodium percarbonate and sodium carbonate.

Bioaccumulative potential: When sodium percarbonate is dissolved in water, it dissociates into sodium carbonate and hydrogen peroxide. The sodium ion and carbonate ion will not accumulate in living tissues.

Mobility in soil: Sodium percarbonate is expected to be highly mobile in soil.

Other adverse effects: None known.

Section 13. Disposal Considerations

Dispose in accordance with all local, state and federal regulations.

Section 14. Transport Information

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Containers < 2.2 lbs.: Limited Quantity			None
DOT	UN3378	Container >2.2 lbs. Sodium Carbonate Peroxyhydrate	5.1	PGII	None
TDG		Containers < 1 kg: Limited Quantity			None
TDG	UN1479	Container >1 kg Oxidizing Solid, n.o.s. (Sodium Carbonate Peroxyhydrate)	5.1	PGII	

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known

Section 15. Regulatory Information

Safety, health, and environmental regulations specific for the product in question.

CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Acute health, Fire Hazard

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: None

California Proposition 65: This product the following chemicals known to the State of California to cause cancer or reproductive toxicity: None

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

CANADA:

Canadian CEPA: All the components of this product are listed on the Canadian DSL.

Canadian WHMIS Classification: Class C – Oxidizing Material; Class D - Division 2B (Toxic material causing other chronic effects)

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

Section 16. Other Information

SDS Revision History: New SDS
Date of preparation: 10 December 2018
Date of last revision: None