

Deck Restoration Plus Cleaner & Remover Safety Data

Sheet

Section 1. Identification

Product Name: Deck Restoration Plus CLEANER &
REMOVER Product Code:

Recommended use: Exterior wood care
Restrictions on use: Use only as directed

Manufactured For: Deck Restoration Plus -
Address: Shamong, NJ 08088

Telephone number: (866) 440-3325

Emergency phone number: (800) 535-5053 (Infotrac)

Date of Preparation: August 9, 2019

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.

Physical	Health
Metal Corrosion Category 1	Acute Toxicity Category 4 Skin Corrosion Category 1A Eye Damage Category 1 Specific Target Organ Toxicity – Single Exposure Category 3 (Respiratory Irritation)

Danger!



Hazard statement(s)

May be corrosive to metals.
Harmful if swallowed.
Causes severe skin burns and eye damage.
May cause respiratory irritation.

Precautionary statement(s)

Keep only in original container.
Do not breathe dust.
Wash exposed skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves, protective clothing, eye protection and face protection.
Do not eat, drink or smoke when using this product.
Absorb spillage to prevent material damage.
Store locked up.

Precautionary statement(s)

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Immediately call a POISON CENTER.
Rinse mouth.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
Immediately call a POISON CENTER.
Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Immediately call a POISON CENTER.
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.

Store in a well-ventilated place. Keep container tightly closed.

Store in corrosive resistant container with a corrosive resistant inner liner.

Dispose of contents and container in accordance with local and national regulations.

Section 3. Composition / Information on Ingredients

Chemical name	CAS No.	Concentration
Sodium Metasilicate	6834-92-0	80-100%

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 immediate medical attention.

Skin contact: Immediately flush with water for at least 20 minutes, then wash with soap and water until no trace of the chemical remains. Remove contaminated clothing immediately and launder before reuse. Get immediate medical attention.

Eye contact: Immediately flush eyes with water for at least 30 minutes while lifting the upper and lower lids. Get immediate medical attention.

Ingestion: Get immediate medical attention. If conscious, rinse mouth with water and give 1 glass of water to dilute. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing.

Most important symptoms/effects, acute and delayed: Causes eye and skin burns. Permanent damage may occur. Inhalation of mists may cause severe upper respiratory irritation. High concentrations may cause lung damage. Swallowing may cause burns to the mouth, throat and stomach. Harmful or fatal if swallowed.

Indication of immediate medical attention and special treatment, if necessary: If contact occurs, 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: Not flammable or combustible. 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. Sweep up and place into appropriate container for disposal. Vacuum up remaining dust. Wash spill site with water.

Section 7. Handling and Storage

Precautions for safe handling: Prevent contact with eyes, skin and clothing. Do not breathe mists or spray. Use only with adequate ventilation. Use only with appropriate protective equipment. Immediately remove and launder contaminated clothing before re-use. Wash thoroughly after handling and before eating, drinking, smoking or using toilet facilities.

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 highly acidic substances. Protect containers from physical damage. Store in original container. Keep container tightly closed.

Section 8. Exposure Controls / Personal Protection

Exposure guidelines:

Sodium Metasilicate	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 may be excessive 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: Not applicable
Melting point/freezing point: 72.2°C (161.96°F)	Boiling point: Not applicable
Flash point: Not applicable	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: 1.75	Solubility(ies): Soluble in water
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not applicable
Decomposition temperature: Not determined	VOC: 0 g/L

Section 10. Stability and Reactivity

Reactivity: None known.

Chemical stability: Stable

Possibility of hazardous reactions: Contact with aluminum or light alloys may generate flammable hydrogen gas.

Conditions to avoid: Avoid excessive heat and moisture.

Incompatible materials: Avoid highly acidic substances.

Hazardous decomposition products: Thermal decomposition may yield compounds of silica and sodium.

Section 11. Toxicological Information

Acute effects of exposure:

Inhalation: Dust may cause mucous membrane and upper respiratory tract irritation with coughing, sore throat and difficulty in breathing. High concentrations of mists may cause severe irritation and pulmonary edema.

Skin Contact: May cause chemical burns with reddening and pain. Prolonged or repeated skin contact may cause dermatitis.

Eye Contact: May cause severe burns with possible permanent damage and blindness.

Ingestion: May cause gastrointestinal corrosion, vomiting, diarrhea, shock and death.

Chronic Effects: None known.

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 components are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA.

Acute toxicity values:

Sodium Metasilicate: Oral rat LD50 1280 mg/kg; Inhalation rat LC50 >2.06 mg/L/4 hr; Dermal rabbit LD50 >5000 mg/kg.

Section 12. Ecological Information

Ecotoxicity values:

Sodium Metasilicate: 96 hr LC50 Danio rerio 210 mg/L

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

Bioaccumulative potential: No data available. Not expected to be bioaccumulative.

Mobility in soil: No data available.

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	UN3253	Container >2.2 lbs. Disodium trioxosilicate	8	PGIII	None
TDG		Containers < 1 kg: Limited Quantity			None
TDG	UN3253	Container >2.2 lbs. Disodium trioxosilicate	8	PGIII	None

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): Refer to Section 2 for OSHA Hazard Classification.

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.

Section 16. Other Information

SDS Revision History: New SDS

Date of preparation: August 9, 2019

Date of last revision: None