

Artisan Safer Mold & Mildew Stain Remover

Safety Data Sheet

Section 1. Identification

Product Name: Artisan Safer Mold & Mildew Stain Remover

Product Code:

Recommended use: Mold & Mildew Stain Remover

Restrictions on use: Use only as directed

Manufacturer Name: Chemique, Inc.
Address: 315 N. Washington Avenue
Moorestown, NJ 08057
Telephone number: (856) 235-4161

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

Date of Preparation: September 10, 2013

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: Not classified as hazardous

Section 3. Composition / Information on Ingredients

Chemical name	CAS No.	Concentration
Ammonium Peraborate	12046-04-7	10-20%
Surfactant	Mixture	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 to fresh air. Get medical attention if irritation develops or persists.

Skin contact: Wash skin with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation develops or persists.

Eye contact: Flush eye with water while lifting the upper and lower lids. Get medical attention.

Ingestion: If conscious, give 1 glass of water or milk to dilute. DO NOT induce vomiting. 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 mild eye irritation. Prolonged or repeated contact with the skin may cause irritation. Inhalation of mists may cause upper respiratory tract irritation. Ingestion may cause gastrointestinal irritation and nausea.

Indication of immediate medical attention and special treatment, if necessary: Immediate medical not normally required. .

Section 5. Fire-Fighting Measures

Suitable (and unsuitable) extinguishing media: This material is not combustible. Use any media that is suitable for the surrounding fire.

Specific hazards arising from the chemical: None known.

Special protective equipment and precautions for fire-fighters: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. 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. Prevent spill from entering sewers and water courses. Report spill as required by local and federal regulations.

Methods and materials for containment and cleaning up: Collect with an inert absorbent and place into a closable container for disposal.

Section 7. Handling and Storage

Precautions for safe handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Use with adequate ventilation. Wash thoroughly after handling. .

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

Conditions for safe storage, including any incompatibilities: Protect containers from physical damage. Store in a cool, well ventilated area away from oxidizing agents and other incompatible materials.

Section 8. Exposure Controls / Personal Protection

Exposure guidelines:

Ammonium Pentaborate	2 mg/m ³ TWA ACGIH TLV (inhalable fraction) 6 mg/m ³ TWA ACGIH Ceiling (inhalable fraction)
Surfactant	None Established

Appropriate engineering controls: Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. For operations where exposures limits are exceeded increased mechanical ventilation such as local exhaust may be required.

Personal Protective Equipment:

Respiratory protection: None needed under normal conditions of use. If exposure limits are exceeded, a NIOSH approved dust/mist or supplied air respirator appropriate for the form and concentration of the

contaminants should be used. 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: Rubber, butyl rubber or other impervious gloves are recommended to prevent skin contact. Impervious apron, boots and other clothing are recommended if needed to prevent contact or if splashing is possible.

Eye protection: Chemical safety goggles should be worn if contact is possible.

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

Section 9. Physical and Chemical Properties

Appearance: Light amber liquid

Odor: No odor.

Odor threshold: Not available	pH: 9
Melting point/freezing point: <32°F / 0°C	Boiling point: >212°F / 100°C
Flash point: Not flammable	Evaporation rate: Same as water
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: Not applicable	UEL: Not applicable
Vapor pressure: Same as water	Vapor density: Same as water
Relative density: 1.2	Solubility(ies): Completely in water
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not applicable
Decomposition temperature: Not available	VOC: 0 g/L

Section 10. Stability and Reactivity

Reactivity: Not reactive under normal conditions of use.

Chemical stability: Stable

Possibility of hazardous reactions: Contact with reducing agents may generate hydrogen gas.

Conditions to avoid: None known. .

Incompatible materials: Avoid oxidizing agents, reducing agents and bases.

Hazardous decomposition products: Thermal decomposition may yield carbon monoxide and carbon dioxide.

Section 11. Toxicological Information

Acute effects of exposure:

Inhalation: Mist and vapors may cause mild irritation to the nose and throat.

Skin Contact: Prolonged or repeated skin contact may cause redness, drying and dermatitis.

Eye Contact: May cause mild irritation with redness and tearing.

Ingestion: May cause gastrointestinal irritation with nausea and diarrhea.

Chronic Effects: Prolonged or repeated skin contact may cause redness, drying and dermatitis.

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: Oral studies with rats, mice and dogs at high concentrations have shown ammonium pentaborate may cause male reproductive effects and effects on fertility. The relevance to humans is uncertain at this time. A recent epidemiology study under the conditions of occupational exposure to borate dusts indicated no effects on fertility.

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

Acute toxicity values:

Ammonium Pentaborate: Oral rat LD50 4200 mg/kg; Skin rabbit LD50 >2000 mg/kg

Surfactant: No toxicity data available

Section 12. Ecological Information

This product may be harmful to aquatic organisms due to change in pH of water where released.

Ecotoxicity values:

Ammonium Peraborate (structurally similar chemical): 96 hr LC50 Limanda limanda 74 mg/L; 48 hr LC50 daphnia magna 133 mg/L;

Surfactant: No data available

Persistence and degradability: Surfactant is readily biodegradable. Ammonium pentaborate decomposes to natural boron.

Bioaccumulative potential: Ammonium pentaborate has a BCF <0.1.

Mobility in soil: Ammonium tetraborate is soluble in water and is leachable through 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		Not Regulated			
TDG		Not Regulated			

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): Chronic Health

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 D-2A (Reproductive toxin)

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: All sections revised. Converted to GHS format.

Date of preparation: 10 September 2013

Date of last revision: 29 January 2012