

# MOLD-CLEAN®

## Wood Cleaner and Surface Conditioner

Mold-Clean is a non-fungicidal wood cleaner and surface conditioner that removes existing stains on wood and composite surfaces and cleans and brightens weathered wood. It is a ready-to-use pleasantly scented product containing sodium hypochlorite and detergents to clean with minimal scrubbing. Unlike bleach, Mold-Clean penetrates wood to remove deep stains. To clean new construction where stains have developed, spray on wood surfaces until wet. Keep wet with product for 15 minutes for best results.

- Cleans and brightens weathered wood
- Cleans wood surfaces in crawlspaces where stains have developed due to moisture
- Eliminates stains on siding, wood and composite decking and patio furniture
- Removes stains including algae stains from brick, concrete and other materials
- Effectively cleans wood surfaces before application of Bora-Care® with Mold-Care®



**NISUS™**



# MOLD-CLEAN

## WOOD CLEANER AND SURFACE CONDITIONER

Removes Mold and Mildew Stains • Cleans and Brightens Weathered Wood • Prepares Wood Surfaces for Treatment with Bora-Care® with Mold-Care® Moldicide • Removes stains including algae stains from brick, concrete and other materials.

### ONLY FOR INDUSTRIAL AND PROFESSIONAL USE

**Warning:** Causes mild skin irritation. Causes serious eye irritation. Very toxic to aquatic life. Toxic to aquatic life with long-lasting effects.

**Precautionary Statements:** Wash hands and any exposed skin thoroughly after handling. Wear eye protection/face protection such as safety glasses.

## WARNING

Keep out of reach of children

### FIRST AID

Harmful or fatal if swallowed. Corrosive to all body tissues. Avoid contact by wearing skin and eye protection when using or dispensing this product. Avoid breathing fumes. Use only in well ventilated areas or use respiratory protection. In case of contact, flush skin or eyes with running water for at least 15 minutes while removing any contaminated clothing or contact lenses.

**IF IN EYES:** Get immediate medical attention.

**IF ON SKIN:** Apply a good moisturizing lotion and seek prompt medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

**IF SWALLOWED:** Immediately drink large amounts of vegetable oil, egg whites, citrus juice, milk or, if these are not available, water. Get immediate medical attention. Do not induce vomiting.

Contact 1-800-424-9300 for emergency medical treatment.

### DESCRIPTION

Mold-Clean is a ready to use, pleasantly scented stain remover and cleaner formulated to prepare wood and other surfaces, especially for subsequent treatment with Bora-Care with Mold-Care. Mold-Clean contains special wetting agents and detergents to ensure penetration deep into wood pores for thorough stain removal and effectively minimizes or eliminates scrubbing in most situations. It is not corrosive to metal fixtures and fittings.

### DIRECTIONS

**COVERAGE:** Approximately 150-200 square feet per gallon.

Apply liberally to the point of runoff to wood or other surfaces using a low pressure (15-20 psi) sprayer. Allow surfaces to remain wet for 5-10 minutes, then thoroughly rinse with water using a high pressure stream. When using on bare wood in crawl spaces or basements, Mold-Clean can be wiped off or left to dry.

If possible, apply to shaded, cool surfaces and avoid application in direct sunlight. On large jobs, clean surfaces in small sections to prevent premature drying. If application must be made in direct sunlight, lightly wet surface with water and allow to absorb prior to Mold-Clean application. Power rinsing with a commercial pressure washer may be necessary to completely remove some stains, paints or old finishes.

- Keep surfaces wet for 5-10 minutes. Apply additional product or a light mist of water to maintain wetness.
- Allow surface to thoroughly dry before Bora-Care with Mold-Care concentrate application.
- Do not allow contact of this product with clothing.
- Do not mix with other products.
- Protect plants and shrubs with plastic sheeting.
- Not for use in metal compressed air sprayers.

### CONTAINER STORAGE

Store in original closed container in a clean, cool area away from flammable and combustible material. Avoid contamination from any source (metals, dust, cleaning agents, acids, etc.). Such contamination may cause rapid decomposition which generates large amounts of oxygen gas and high pressure. Rinse containers thoroughly with water before discarding.

### WARRANTY DISCLAIMER

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. **EXCEPT AS EXPRESSLY STATED HEREIN, MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY AND EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

### Inherent Risks of Use

The directions for use of this product are believed to be adequate and must be carefully followed. It is impossible to eliminate all risks associated with use of this product. Lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions, abnormal conditions, the presence of other materials, climatic conditions or the manner of use/application, all of which are beyond the control of the Manufacturer. The buyer/user assumes all such risks.

### Limitation of Remedies

The sole and exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability or other legal theories) shall be limited to, at Manufacturer's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

Manufacturer shall not be liable for losses or damages resulting from handling or use of this product unless Manufacturer is promptly notified of such loss or damage in writing; and **IN NO CASE SHALL MANUFACTURER BE LIABLE FOR DIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMIT, HEALTH RELATED DAMAGES OR INJURIES.**

The terms of this **Warranty Disclaimer** and **Limitation of Remedies** cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Manufacturer or the seller is authorized to vary or exceed the terms of this **Warranty Disclaimer** or **Limitation of Remedies** in any manner.

It is not intended that this product be used to practice any applicable patent, whether mentioned or not, without procurement of a license, if necessary, from the owner, following investigation by the user.



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## SAFETY DATA SHEET

# MOLD-CLEAN®

## WOOD CLEANER AND SURFACE CONDITIONER

Health Emergencies: INFOTRAC® (800) 535-5053

### 1. PRODUCT AND COMPANY INFORMATION

**Product Identity:** Mold-Clean®

**Recommended use of the chemical and restrictions on use:**  
Ready-to-use wood cleaner and surface conditioner.

**Manufacturer:** Nisus Corporation  
100 Nisus Drive  
Rockford, TN 37853

**Telephone:** Phone: (800) 264-0870  
Fax: (865) 577-5825

**Emergency Phone:** 800-535-5053 (INFOTRAC)

**SDS Date of Preparation:** 04/14/20

### 2. HAZARDS IDENTIFICATION

**GHS Classification:**

Physical	Health	Environment
Not Hazardous	Eye Damage Category 2A Skin Corrosion Category 3B Skin Sensitizer Category 3	Aquatic Chronic Category 2

**GHS Label Elements:**



**Signal Word:** Warning

**Statements of Hazard**

H316: Causes mild skin irritation.

H319: Causes serious eye irritation

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long-lasting effects.

**Precautionary Statements**

P280: Wash hands and any exposed skin thoroughly after handling.

P282: Wear eye protection/face protection such as safety glasses.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Non-Hazardous Ingredients	Proprietary	60-70%
Sodium Hypochlorite	7681-52-9	1-5%
Disodium Metasilicate	6834-92-0	<5%

The exact formulation is being withheld as a trade secret.

### 4. FIRST AID MEASURES

**Eye:** Immediately flush victim's eyes with large quantities of water for at least 15-20 minutes, while holding the eyelids apart. Remove contact lenses if easy to do so. Continue rinsing. Get immediate medical attention.

**Skin:** Immediately wash skin thoroughly with soap and water for at least 15-20 minutes. Remove contaminated clothing. Get immediate medical attention. Launder clothing before re-use.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

**Inhalation:** Move victim to fresh air and keep at rest in a position that is comfortable. If breathing is difficult, administer oxygen or administer artificial respiration. Get immediate medical attention.

**Most Important Symptoms:** Causes eye damage and skin burns. May cause skin sensitization. Inhalation of mists or dust from dried product may cause severe mucous membrane and respiratory irritation.

**Indication of immediate medical attention/special treatment:** Immediate medical attention is required for eye contact, skin contact, inhalation, and ingestion. Call a poison center or doctor for further treatment advice. Have the product container or label with you when calling a poison center or doctor, or going for treatment. Probable mucosal damage may contraindicate the use of gastric lavage.

### 5. FIRE FIGHTING MEASURES

**Suitable (and Unsuitable) Extinguishing Media:** Use media appropriate for surrounding fire. Cool fire exposed containers and structures with water.

**Specific Hazards Arising from the Chemical:** A solid stream of water or foam directed into hot, burning liquids can cause frothing. Burning may produce oxygen gas, chlorine gas, hydrogen chloride, hypochlorous acid vapors and other toxic gases. Heat may cause product to decompose which may yield oxygen gas that will intensify fire conditions.

**Special Protective Equipment and Precautions for Fire-Fighting Instructions:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Contain all runoff.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Evacuate spill area and keep unprotected personnel away. Prevent contact with the eyes, skin and clothing. Do not breathe mists or dust from dried product. Wear appropriate protective clothing as described in Section 8. Keep product away from heat, flames, and other sources of ignition. Avoid releases to the environment.

**Methods and Materials for Containment and Cleaning Up:** Dike and contain spill. Dilute with a large volume of water and neutralize with sodium thiosulfate and dilute inorganic acid. Absorb with an inert absorbent and place in appropriate containers for disposal. Prevent spill from entering sewers and watercourses. Report releases as required by local, state and federal authorities. For dust from dried product, collect using a dustless method (HEPA vacuum or wet method) and place in appropriate container for use. Do not use compressed air. Do not sweep up. Flush spill area with water to remove residue. Prevent spill from entering sewers and water courses. Report releases as required by local, state and federal authorities.

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Prevent contact with the eyes, skin and clothing. Do not breathe mists or dust from dried product. Wear protective clothing and equipment as described in Section 8. Applicators, mixer and other handlers must wear chemical resistant gloves, protective eyewear, long-sleeved shirt, long pants, socks and shoes when handling or applying this product. When applying this product to non-pressure treated wood, blend/spray operators and any individual that applies the product with a brush/roller must wear an organic vapor respirator. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Remove contaminated clothing immediately and wash before reuse. Remove PPE immediately after handling. Wash thoroughly after using and change into clean clothing. Keep containers closed when not in use. Keep product away from heat, flames, and other sources of ignition.

Nonrefillable container. Do not reuse containers. Product residues in empty containers can be hazardous. Follow all SDS precautions when handling empty containers.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry, well-ventilated area away from incompatible materials. Keep out of reach of children and pets. Do not store in direct

sunlight. Keep containers tightly closed. Protect from physical damage. Store away from reducing agents. Keep in locked storage.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines:

Non-Hazardous Ingredients	None Established
Sodium Hypochlorite	2 mg/m <sup>3</sup> STEL AIHA WEEL
Disodium Metasilicate	None Established

**Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

**Respiratory Protection:** In operations where exposure levels are exceeded, a NIOSH approved respirator with dust/mist cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice. Refer to the product label for additional information.

**Skin Protection:** Wear impervious gloves such as rubber, nitrile, neoprene or PVC.

**Eye Protection:** Wear safety goggles and faceshield where splashing is possible.

**Other:** Wear long-sleeve shirts, long pants, socks and shoes when using this product. Suitable washing facilities should be available in the work area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance And Odor:** Yellow-green liquid with a sweet, fresh scent

**Physical State:** Liquid      **Odor Threshold:** Not determined

**Vapor Density:** Not determined

**Initial Boiling Point/Range:** 230°F (110°C)

**Solubility In Water:** Soluble      **Vapor Pressure:** Not determined

**Relative Density:** 1.08      **Evaporation Rate:** 1

**Melting/Freezing Point:** Not determined      **pH:** 10-12

**Percent Volatile:** >90      **Octanol/Water Coefficient:** Not determined

**Solubility:** Not determined

**Decomposition Temperature:** Not determined

**Viscosity:** Not determined      **Flammability (solid, gas):** N/A

**Flashpoint:** None      **Autoignition Temperature:** Not determined

**Flammable Limits: LEL:** Not determined      **UEL:** Not determined

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not normally reactive.

**Chemical Stability:** Stable under normal storage and handling conditions. Unstable when heated or contaminated.

**Possibility of Hazardous Reactions:** Product may become unstable when heated or contaminated. Heat may cause product to decompose which may yield oxygen gas that will intensify fire conditions.

**Conditions to Avoid:** Keep away from heat, flames, and other sources of ignition.

**Incompatible Materials:** Avoid reducing agents, organic or combustible materials, ammonia, acids, metals (iron, tin, copper, nickel, etc.), heat and light sources.

**Hazardous Decomposition Products:** When heated to decomposition emits oxygen gas, chlorine gas, hydrogen chloride, hypochlorous acid vapors and other toxic gases.

## 11. TOXICOLOGICAL INFORMATION

### HEALTH HAZARDS:

**Ingestion:** Swallowing may cause burns to mucous membranes. Prolonged or repeated ingestion may cause anemia.

**Inhalation:** Inhalation of mist or dust from dried product causes severe irritation and burns of the nose, throat and upper respiratory tract.

**Eye:** Causes serious irritation and burns with redness, pain and tearing. May cause permanent eye damage.

**Skin:** Causes skin burns with redness and pain. May cause an allergic skin reaction (sensitization).

**Chronic:** Prolonged contact may damage eyes, blood, kidneys, central nervous system, and peripheral nervous system.

**Sensitization:** This material may cause sensitization.

**Carcinogenicity:** None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

**Germ Cell Mutagenicity:** Not expected to cause germ cell mutagenicity.

**Reproductive Toxicity:** Not expected to cause reproductive toxicity.

### Numerical Measures of Toxicity:

#### Product Toxicity Data:

Oral rat LD<sub>50</sub>: 10,825 mg/kg (calculated)

#### Component Toxicity Data:

Non-Hazardous Ingredients: No toxicity data available

Sodium Hypochlorite: Oral rat LD<sub>50</sub>: 1100 mg/kg (as 12.5% Cl<sub>2</sub>),

Inhalation rat LC<sub>50</sub>: >10.5 mg/L/1 hr, Skin rabbit LD<sub>50</sub>: >20 g/kg

Disodium Metasilicate: Oral rat LD<sub>50</sub>: 1152-1349 mg/kg, Inhalation rat

LC<sub>50</sub>: >2.06 mg/L/4hr, Skin rat LD<sub>50</sub>: >5000 mg/kg

Lemon Oil: Oral rat LD<sub>50</sub>: 2840 mg/kg, Skin rabbit LD<sub>50</sub>: >5000 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity:

Sodium Hypochlorite: 96 hr LC<sub>50</sub> Coho salmon: 32-167 ug/L, 48 hr

EC<sub>50</sub> Daphnia magna: 141 ug/L (as chlorine) (M-Factor Acute: 10)

Disodium Metasilicate: 96 hr LC<sub>50</sub> Zebra fish: 210 mg/L

This product is classified as very toxic to the aquatic environment and toxic to the aquatic environment with long-lasting effects. Releases to the environment should be avoided.

**Persistence and Degradability:** No data available for mixture.

Product is expected to be persistent in the aquatic environment.

**Bioaccumulative Potential:** No data available for mixture

**Mobility in Soil:** Disodium Octaborate Tetrahydrate is soluble in water and is leachable through normal soil.

**Other Adverse Effects:** None known.

## 13. DISPOSAL CONSIDERATION

Dispose in accordance with local, state and federal environmental regulations. The materials resulting from clean-up operations of a spill may be hazardous and, therefore, subject to specific regulations.

Package, store, transport and dispose of all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local regulations. Shipments of waste materials may be subject to manifesting requirements per applicable regulations.

Appropriate disposal will depend on the nature of the waste and should be performed by competent and properly permitted contractors.

Ensure that all responsible federal, state and local agencies receive proper notification of spill and disposal methods. Spills or releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

## 14. TRANSPORTATION INFORMATION

### DOT Hazardous Materials Description:

Proper Shipping Name: Compounds, cleaning liquid

UN Number: NA1760

Hazard Class/Packing Group: 8, II

Labels Required: Corrosive

## 15. REGULATORY INFORMATION

**CERCLA:** This product has an RQ of 2,000 lbs (based on the RQ of Sodium Hypochlorite of 100 lbs present at 1-5%). Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

**SARA Hazard Category (311/312):** Acute Health

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**EPA TSCA Inventory:** All of the ingredients in this product are TSCA compliant.

## 16. OTHER INFORMATION

**NFPA Rating:** Health = 3 Flammability = 0 Instability = 0

**HMIS Rating:** Health = 3 Flammability = 0 Physical Hazard = 0

**SDS Revision History:** 03/31/15: New SDS  
04/14/20: Revised

### WARRANTY DISCLAIMER

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# NOTES





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