

## SAFETY DATA SHEET

Revision Date: 13-Aug-2018

Revision Number: 2

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** BENJAMIN MOORE CLEAN  
**Product Code** N31800  
**Alternate Product Code** N31800  
**Product Class** SURFACE PREPARATION PRODUCT  
**Color** Light green  
**Recommended use** Deck cleaner  
**Restrictions on use** No information available

**Manufacturer**  
 Benjamin Moore & Co.  
 101 Paragon Drive  
 Montvale, NJ 07645  
 Phone: 1-866-708-9180  
 www.benjaminmoore.com

**Emergency Telephone**  
 CHEMTREC (US): 800-424-9300  
 CHEMTREC (outside US): (703)-527-3887

### 2. HAZARDS IDENTIFICATION

#### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1

#### Label elements

**Danger**

#### **Hazard statements**

Causes severe skin burns and eye damage



**Appearance** Light green liquid

**Odor** Slight chlorine

**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician

**Eyes**

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 or doctor/physician

**Skin**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a POISON CENTER or doctor/physician

**Ingestion**

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other information**

No information available

**3. COMPOSITION INFORMATION ON COMPONENTS**

Chemical name	CAS No.	Weight-%
Sodium hypochlorite	7681-52-9	10
Sodium metasilicate	6834-92-0	10

**4. FIRST AID MEASURES****General Advice**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

**Eye Contact**

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Immediate medical attention is required.

**Skin Contact**

Wash off immediately with plenty of water removing all contaminated clothes and shoes. Immediate medical attention is required.

**Inhalation**

Move to fresh air. If symptoms persist, call a physician.

<b>Ingestion</b>	Immediate medical attention is required. Rinse mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting.
<b>Protection Of First-Aiders</b>	Use personal protective equipment.
<b>Most Important Symptoms/Effects</b>	Causes burns to skin and eyes.
<b>Notes To Physician</b>	Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Protective Equipment And Precautions For Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific Hazards Arising From The Chemical</b>	Closed containers may rupture if exposed to fire or extreme heat.
<b>Sensitivity To Mechanical Impact</b>	No
<b>Sensitivity To Static Discharge</b>	No
<b>Flash Point Data</b>	
Flash Point (°F)	Not applicable
Flash Point (°C)	Not applicable
Method	Not applicable
<b>Flammability Limits In Air</b>	
Lower flammability limit:	Not applicable
Upper flammability limit:	Not applicable

**NFPA**    **Health:** 3                      **Flammability:** 0                      **Instability:** 0                      **Special:** COR

- NFPA Legend**  
 0 - Not Hazardous  
 1 - Slightly  
 2 - Moderate  
 3 - High  
 4 - Severe

*The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used. Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at [www.nfpa.org](http://www.nfpa.org).*

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Use personal protective equipment. Ensure adequate ventilation.
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<b>Other Information</b>	Prevent further leakage or spillage if safe to do so.
<b>Environmental precautions</b>	See Section 12 for additional Ecological Information.
<b>Methods for Cleaning Up</b>	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Storage</b>	Keep container tightly closed. Keep out of the reach of children.
<b>Incompatible Materials</b>	Ammonia ammonium salts acids oxidizing agents reducing agents chlorine cyanides acetic ahydride caustics

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

*No exposure limits have been established for this product.*

### Legend

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety & Health Administration Exposure Limits

N/E - Not Established

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas.
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### Personal Protective Equipment

<b>Eye/Face Protection</b>	Tightly fitting safety goggles. If splashes are likely to occur, wear:. Face-shield.
<b>Skin Protection</b>	Protective gloves and impervious clothing.
<b>Respiratory Protection</b>	In case of insufficient ventilation wear suitable respiratory equipment.

<b>Hygiene Measures</b>	Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Light green liquid
<b>Odor</b>	Slight chlorine
<b>Odor Threshold</b>	No information available
<b>Density (lbs/gal)</b>	9.8 - 10.2
<b>Specific Gravity</b>	1.17 - 1.23
<b>pH</b>	12
<b>Viscosity (cps)</b>	No information available
<b>Solubility(ies)</b>	No information available
<b>Water solubility</b>	No information available
<b>Evaporation Rate</b>	No information available
<b>Vapor pressure @20 °C (kPa)</b>	No information available
<b>Vapor density</b>	No information available

Wt. % Solids	10 - 20
Vol. % Solids	5 - 20
Wt. % Volatiles	80 - 90
Vol. % Volatiles	80 - 95
VOC Regulatory Limit (g/L)	0
Boiling Point (°F)	212
Boiling Point (°C)	100
Freezing Point (°F)	32
Freezing Point (°C)	0
Flash Point (°F)	Not applicable
Flash Point (°C)	Not applicable
Method	Not applicable
Flammability (solid, gas)	Not applicable
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Autoignition Temperature (°F)	No information available
Autoignition Temperature (°C)	No information available
Decomposition Temperature (°F)	No information available
Decomposition Temperature (°C)	No information available
Partition coefficient	No information available

## 10. STABILITY AND REACTIVITY

Reactivity	Not Applicable
Chemical Stability	Stable under normal conditions.
Conditions to avoid	Extremes of temperature and direct sunlight, Do not freeze.
Incompatible Materials	Ammonia, ammonium salts, acids, oxidizing agents, reducing agents, chlorine, cyanides, acetic anhydride, caustics.
Hazardous Decomposition Products	Thermal decomposition can lead to release of irritating gases and vapors.
Possibility of hazardous reactions	None under normal conditions of use.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

#### Information on likely routes of exposure

**Principal Routes of Exposure** Eye contact, skin contact and inhalation.

#### Acute Toxicity

**Product Information** No information available

#### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** May cause blindness

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

<b>Eye contact</b>	Causes thermal burns. Risk of serious damage to eyes. Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
<b>Skin contact</b>	Causes burns.
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Ingestion</b>	Accidental ingestion will cause corrosive burns to the mouth, throat, and digestive tract including stomach.
<b>Sensitization</b>	No information available
<b>Neurological Effects</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Target organ effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Other adverse effects</b>	No information available.
<b>Aspiration Hazard</b>	No information available

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 16319 mg/kg

**Component Information**

Sodium metasilicate

LD50 Oral: 1153 mg/kg (Rat)

**Carcinogenicity**

*There are no known carcinogenic chemicals in this product above reportable levels.*

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity Effects**

The environmental impact of this product has not been fully investigated.

**Product Information****Acute Toxicity to Fish**

No information available

**Acute Toxicity to Aquatic Invertebrates**

No information available

**Acute Toxicity to Aquatic Plants**

No information available

**Persistence / Degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility in Environmental Media**

No information available.

**Ozone**

No information available

**Component Information****Acute Toxicity to Fish**

No information available

**Acute Toxicity to Aquatic Invertebrates**

No information available

**Acute Toxicity to Aquatic Plants**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with federal, state, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

**14. TRANSPORT INFORMATION****DOT**

<b>Proper Shipping Name</b>	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
<b>Hazard class</b>	8
<b>UN-No.</b>	UN3266
<b>Packing Group</b>	III
<b>Description</b>	UN3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hypochlorite, Sodium metasilicate), 8, III

**ICAO / IATA**

Not regulated

**IMDG / IMO**

Not regulated

**15. REGULATORY INFORMATION****International Inventories****TSCA: United States**

Yes - All components are listed or exempt.

**DSL: Canada**

Yes - All components are listed or exempt.

**Federal Regulations****SARA 311/312 hazardous categorization**

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

None

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following HAPs:

None

**US State Regulations**

**California Proposition 65**

 **WARNING:** Cancer and Reproductive Harm– [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

**State Right-to-Know**

Chemical name	Massachusetts	New Jersey	Pennsylvania
Sodium hypochlorite	X	X	X
Sodium hydroxide	X	X	X

**Legend**

X - Listed

**16. OTHER INFORMATION**

**HMIS - Health: 3 Flammability: 0 Reactivity: 0 PPE: -**

**HMIS Legend**

- 0 - Minimal Hazard
- 1 - Slight Hazard
- 2 - Moderate Hazard
- 3 - Serious Hazard
- 4 - Severe Hazard
- \* - Chronic Hazard

X - Consult your supervisor or S.O.P. for "Special" handling instructions.

*Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.*

*Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a*



registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

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800-225-5554

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**Revision Summary** Not available

Disclaimer

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**END OF SAFETY DATA SHEET**