

Safety Data Sheet

Manufacturer Name:
FMI Paint & Chemical, Inc.
14 Eastern Park Rd.
East Hartford, CT 06108
Latest Revision: 02/16/2018

Emergency Phone.(800-424-9300)
Chemtrec: CCN201349
Information Phone.(860-218-2210)

Section I: Product Identification

Product Name: M80 Stain Reducer
Recommended use: Mold remediation stain reducer
Restrictions on use: FOR INDUSTRIAL USE ONLY!

Section II: Hazardous Identification

Classification

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

PHYSICAL HAZARDS:

Corrosive to metals Category 1

Health hazards

Skin corrosion/irritation Category 1

Serious eye damage/irritation Category 1

Specific target organ toxicity, single exposure Category 3 respiratory tract irritation

Environmental hazards

Hazard to the aquatic environment, acute hazard Category 1

Hazard to the aquatic environment long-term hazard Category 2

GHS Label elements, including precautionary statement

Hazard statement:

Causes severe skin burns and serious eye damage



Signal word: DANGER, CORROSIVE,

Hazard statement: Causes severe skin burns and eye damage. May cause respiratory irritation. Very toxic to aquatic life with long lasting effects.

Storage:

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in a corrosive resistant container with a resistant inner liner.

Disposal:

Dispose of contents/containers in accordance with local, regional, national and international regulations.

Supplemental information: Contact with acids liberates toxic gas.

Section III: Composition/ingredients:

Ingredient	CAS number	% by volume
Sodium Hypochlorite	7681-52-9	12.5-17

Section IV: First Aid Measures:

General Advice

Call a poison control center or doctor immediately for treatment advice. Show this safety data sheet to the doctor in attendance.

Eye contact

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor for treatment advice

Skin contact

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.

Inhalation

Move to fresh air. If breathing is affected, call doctor

Ingestion

Have person sip a glassful of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Section V: Fire fighting measures:

FLAMMABILITY CLASSIFICATION: Non-flammable or explosive

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water fog. Carbon Dioxide (Co2), Dry chemical powder

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient. Do not use water jet as this will spread the fire. Do not use dry extinguishing media that contains ammonium compounds.

Specific Hazards Arising from the Chemical

This product causes burns to eyes, skin, and mucous membranes. Thermal decomposition can release sodium chlorate and irritating gases and vapors.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

General fire hazards: No unusual fire or explosion hazards noted.

Section VI : Accidental release measures

Do not mix with any household chemicals such as rust removers, acids and products containing ammonia as hazardous gases may result.

Personal Precautions

Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation. Use personal protective equipment as required. For spills of multiple products, responders should evaluate the SDS of the products for incompatibility with sodium hypochlorite. Breathing protection should be worn in enclosed and/or poorly-ventilated areas until hazard assessment is complete. Local authorities should be notified if significant spillage can't be contained.

Environmental Precautions

This product is toxic to fish, aquatic invertebrates, oysters, and shrimp. Do not allow product to enter storm drains, lakes, or streams.

Methods and material for containment and cleaning up

Methods for Containment:

Prevent further leakage or spillage if safe to do so. Absorb with vermiculite, dry sand or earth and place in containers for proper disposal. Following product recovery, flush area with water.

Methods for Cleaning up:

Absorb and containerize. Wash residue down to sanitary sewer. Contact the sanitary Treatment facility in advance to assure ability to process washed-down material.

Section VII: Handling and Storage:

Handling:

Handle in accordance with good industrial hygiene and safety practice.

Avoid contact with skin, eyes, and clothing. Do not eat, drink, or smoke while using this product. Do not apply heat or direct sunlight. Temperature and product concentration effect product quality and decomposition rates.

Safe storage:

Store in a cool and well ventilated place. Store in a corrosive resistant container. Keep container tightly Closed. Store away from and do not mix with incompatible materials such as acids, oxidizers, organics, Reducing agents, and all metals except titanium.

Stability: stable under normal use and storage. Do not mix with any household chemicals such as rust removers, acids and products containing ammonia as hazardous gases may result.

Section VIII: Exposure Controls/Personal Protection:

Occupational exposure limits:

US. OSHA Table Z-1 Limits for Air Contamination (29 CFR 1910.1000)

Components	CAS number	Type	Value
Sodium Hypochlorite	7681-52-9	STEL	2 mg/m ³

Biological limit values:

No biological exposure limits noted.

Appropriate engineering controls: Shower, Eyewash station, Ventilation system

Individual protection measures, such as personal protective equipment

Respiratory Protection: Organic vapor respirator recommended.

Protective Gloves: Impervious Gloves recommended

Eye Glasses: Safety Glasses with side shields or goggles recommended

Other Protective Equipment: Emergency shower and eye wash facilities recommended

Hygiene Measures: Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.

Remove and wash contaminated clothing before re-use. Do not eat, drink, or smoke when using this product.

Section IX: Physical and chemical properties

Physical State	Viscous liquid	
Appearance	Clear	Odor Bleach
Color	Aqua/Green	Odor Threshold 0.9mg/m ²
PH	11.14 (25°C-77°F)	
Flash point	Not applicable	
Vapor pressure	12mm Hg (20°C-68°F)	

Section X: Stability and Reactivity

Reactivity:

Reacts with other household chemicals such as rust removers, acids, or products containing ammonia to produce hazardous irritating gases, such as chlorine and other chlorinated compounds.

Chemical stability:

Stable under recommended storage conditions

Possibility of Hazardous Reactions:

None under normal processing

Conditions to avoid:

Contact with incompatible materials. Avoid ultraviolet (UV) light sources. Excessive heat. Reacts violently with strong acids. Acid contact will produce chlorine gas. Amine contact will produce chloramines.

Incompatible materials:

Strong oxidizing agents, Acids. Metals. Organic compounds. Ammonia.

Hazardous Decomposition Products:

None known based on information supplied.

Section XI: Toxicological information

Information on likely routes of exposure

Product Information

- Inhalation:** Exposure to vapor or mist may irritate respiratory tract and cause coughing. Inhalation of high Concentrations may cause pulmonary edema.
- Eye contact:** Corrosive. May cause serious damage to eyes.
- Skin contact:** May cause severe irritation to skin. Prolonged contact may cause burns to skin
- Ingestion:** Ingestion may cause burns to gastrointestinal tract and respiratory tract, nausea, vomiting, and diarrhea. Ingestion may produce burns to lips, oral cavity, upper air way, esophagus, and possibly the digestive tract.

Component Information

Chemical name	LD50 oral	LD50 Dermal	LD50 Inhalation
Sodium hypochlorite 7681-52-9	3-5 g/kg (Rat)	> 2 g/kg(Rabbit)	NA

Information on toxicological effect

Symptoms May cause redness and tearing to eyes. May cause burns to eyes. May cause redness or burns to skin. Inhalation may cause coughing.

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

- Sensitization This product is not expected to cause respiratory sensitization.
- Mutagenic Effects No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
- Carcinogenicity The table below indicates whether each agency has listed any ingredients as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite 7681-52-9	NA	NA	NA	NA

IARC (International Agency for Research on Cancer)

Group 3- Not Classified as to Carcinogenicity in Humans

- Reproductive Toxicity** This product is not expected to cause reproductive or developmental effects.
- STOT- single exposure** May cause respiratory irritation
- STOT-repeated exposure** Not classified
- Chronic toxicity** Prolonged or repeated overexposure may cause lung damage.
- Target organ Effects** Respiratory system, eyes, skin, gastrointestinal tract (GI)

Aspiration Hazard

Not classified, however droplets of the product may be aspirated into the lungs through ingestion or vomiting and may cause a serious chemical pneumonia.

Section XII: Ecological Information

Product		Species	Test results
Sodium hypochlorite			
Aquatic			
Crustacea	LC50	Daphnia	1 mg/l
Fish	LC50	Bluegill (Lepomis macrochirus)	0.6 mg/l, 48 hours

Ecotoxicity

Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Persistence and Degradability

No information available

Bioaccumulation

No information available

Other adverse effects

No Information available

Section XIII. Disposal Considerations**Disposal methods**

Collect and reclaim or dispose in sealed containers at licensed waste disposal plant. This material must be disposed of as hazardous waste. Dispose of contents/containers in accordance with local-regional-national-international regulations as empty containers may retain product residue.

Contaminated packaging

Do not reuse empty containers. Dispose of in accordance with all federal, state, and local regulations.

Section XIV: Transportation Information

D.O.T UN1791, HYPOCHLORITE SOLUTION, 8, III

IATA UN1791, HYPOCHLORITE SOLUTION, 8, III

IMDG/IMO UN1791, HYPOCHLORITE SOLUTION 8, III

EmS No. F-A,S-B

Marine Pollutant YES

Marine Pollutant exception per IMDG Code 2.10.2.7

Section XV: Regulatory Information

Chemical Inventories

TSCA All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

DSL/NDSL All components are on the DSL or NDSL

TSCA- United States Toxic Substance Control Act Section 8(b) Inventory

DSL/NDSL- Canadian Domestic Substance List/Non-Domestic Substance List

U.S FEDERAL REGULATIONS

SARA 313

Section 313 of Title III of the superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA-Reportable Quantities	CWA-Toxic Pollutants	Extremely Hazardous Substance RQs	CWA- Hazardous Substance
Sodium Hypochlorite 7681-52-9	100 lbs.			X

CERCLA

This material, as supplied, contains the following substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substance RQs	Extremely Hazardous Substances RQs	RQ
Sodium hypochlorite 7681-52-9	100 lbs.	-	RQ 100lb final RQ RQ 45.4kg final RQ

EPA Statement

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label.

US STATE REGULATIONS

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Sodium hypochlorite 7681-52-9	X	X	X	X	

International Regulations

Canada
WHMIS Hazard Class
E-Corrosive material



Section XVI: Other Information

NFPA Health Hazard 3 Flammability 0 Instability 0 Physical and Chemical Hazards –

HMIS Health Hazards 3 Flammability 0 Physical Hazard 2 Personal Protection X

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End of Safety Data Sheet