



ENFORCER Products,
Inc.
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Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product Name	Mildew Stain Remover		
Product Code	SLMS32, SLMS128		
Date of issue	02/03/04	Supersedes	07/31/01
Emergency telephone number	For MSDS Information: Compliance Services (404) 352-1680		
	For a Medical Emergency: INFOTRAC (877) 541-2016 (Toll Free - Calls Recorded)		
	For a Transportation Emergency: CHEMTREC (800) 424-9300 (Toll Free - Calls Recorded)		
Prepared by	Compliance Services Group Acuity Specialty Products Group 1420 Seaboard Industrial Blvd. Atlanta, GA 30318		

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
SODIUM HYPOCHLORITE; hypochlorous acid, sodium salt; bleach	7681-52-9	1-10	ACGIH TLV (United States). TWA: 0.5 ppm 8 hour(s). Form: As Cl ₂ STEL: 1 ppm 15 minute(s). Form: As Cl ₂ OSHA PEL 1989 (United States). TWA: 1 ppm 8 hour(s). Form: As Cl ₂ STEL: 3 ppm 15 minute(s). Form: As Cl ₂

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Dermal contact. Eye contact. Inhalation.

Skin Hazardous in case of skin contact (irritant). Direct contact may cause irritation and redness. Prolonged or repeated contact may dry skin and cause irritation.

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Over-exposure by inhalation may cause respiratory irritation.

Ingestion Harmful if swallowed. May cause burns to mouth, throat, and stomach.

HMIS	
Health	2
Fire Hazard	0
Reactivity	1
Personal Protection	C

Carcinogenic Effects Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point Not applicable. **Flammable Limits** Not applicable.

Flammability Non-flammable.

Fire Hazard May release dangerous gases (chlorine).

Fire-Fighting Procedures Use an extinguishing agent suitable for surrounding fires. Wear special protective clothing and positive pressure, self-contained breathing apparatus.



Section 6. Accidental Release Measures

Spill Clean up Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

Section 7. Handling and Storage

Handling Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Wash thoroughly after handling. Do not use with other products. Do not reuse container.

Storage Keep container tightly closed. Store in a cool dry place away from incompatible materials. Store between 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

Personal Protection **Protective Clothing (Pictograms)**

Eyes Splash goggles.

Body Rubber gloves. Additional body garments should be used based upon the task being performed to avoid exposed skin surfaces.



Respirator Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.

Section 9. Physical and Chemical Properties

Physical State Liquid.

Color Clear.

pH 12.5 - 13.0

Odor Bleach-like Odor

Boiling Point 100°C (212°F)

Vapor Pressure Not determined.

Specific Gravity 1.04 (Water = 1)

Vapor Density Not determined.

Solubility Easily soluble in cold water, hot water.

Evaporation Rate 12.4 compared to Butyl acetate.

VOC (Consumer) 0 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Reactive with reducing agents, acids. Do not use with other products.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products Carbon Dioxide Carbon Monoxide Chlorine. Hydrogen Chloride (HCl)

Section 11. Toxicological Information

Toxicity to Animals **Sodium Hypochlorite:**

ORAL (LD50): Acute: 8910 mg/kg [Rat].

DERMAL (LD50): Acute: >10000 mg/kg [Rabbit].

Section 12. Ecological Information

Ecotoxicity Not available.

Biodegradable/OEC Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Stream D002

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity

DOT Classification ORM-D

UN number Not applicable.

TDG Classification Consumer Commodity ORM-D

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
No products were found.
Clean Water Act (CWA) 311: Sodium Hypochlorite
Clean air act (CAA) 112 regulated toxic substances: No products were found.

State Regulations California prop. 65: No products were found.
WHMIS (Canada) Not controlled under WHMIS (Canada).

Section 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.
Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*