



Flo-Kem, Inc.  
19402 Susana Road

Rancho Dominguez, CA 90221  
Emergency: 800-255-3924

MATERIAL SAFETY DATA SHEET

**SECTION I. IDENTIFICATION OF PRODUCT**

Name: MILDEW STAIN REMOVER  
Identity: Mildew Stain Remover MSDS Number: 239 Date: 11/18/2004 Supersedes: 5/16/2003  
TOXICITY: 2 FIRE: 0 REACTIVITY: 0 PROTECTION: C

**SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Name Sodium Hypochlorite CAS Number 7681-52-9 PEL NE TLV NE 5 %

**SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: 212° F Specific Gravity: 1.085 ± 0.005 Vapor Pressure (mm Hg.): ND Melting Point: ND  
Vapor Density (Air = 1): 1 Evaporation (H2O = 1): 1 Water Solubility: Complete pH @ 77°F: 12± 0.5  
VOCgml/l: 0

Appearance and Odor: Clear pale yellow liquid, Bleach odor

**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

Flash Point (TCC): None % LEL: ND % UEL: ND Flammable Limits: ND

Extinguishing Media: Dry chemical, carbon dioxide, water spray. Do not use direct water stream.

Special Fire Fighting Procedures: Prevent breathing vapors. Wear SCBA and protective clothing.

Unusual Fire and Explosion: None known

**SECTION V. HEALTH HAZARD DATA**

Route(s) of Entry: INHALATION? Yes EYES? Yes SKIN? Yes INGESTION? Yes  
(Acute) Health Hazards:

Eyes: May cause irritation, redness, pain

Skin: May cause dryness, irritation

Ingestion: May cause burns to the mouth, throat, esophagus, and stomach.

Inhalation: Mist or vapors may severely irritate nose, throat and lungs.

(Chronic) Health Hazards: None Known

Signs and Symptoms of Exposure:

Eyes: Burning, irritation

Skin: May cause irritant reaction

Ingestion: Nausea & vomiting, diarrhea

Inhalation: Occasional mild irritation effects to nose and throat may occur.

Medical Conditions Generally Aggravated by Exposure: Pre-existing contact site disorders.

**Emergency First Aid Procedures:**

Eyes: Flush eyes with large amounts of water, lifting upper and lower eyelids. If irritation persists, obtain medical attention.

Skin: Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, get medical attention.

Ingestion: Obtain immediate medical attention.

Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.

Carcinogenicity:

NTP? No

IARC

SECTION VI. TOXICITY DATA

No

OSHA REGULATED? No

Stability: Stable

## SECTION VII. REACTIVITY DATA

Incompatibility (Materials to Avoid): Ammonia, acids

Hazardous Polymerization Will Not Occur

Hazardous Decomposition Byproducts: Chlorine and oxides of chlorine

SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE  
Steps to be Taken in Case Material is Released or Spilled:**Small Spills:** Mop up. Slippery on floor.**Large Spills:** Pump up into plastic containers and proceed for small spills. Dike area if needed.**Disposal:** Meet Federal, State & Local Requirements**Handling and Storage:** Store in cool, dry well ventilated area. Keep container tightly closed when not in use.**Other Precautions:** Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

## SECTION IX. CONTROL MEASURES

**Respiratory Protection:**

NIOSH approved air purifying with vapor cartridge or canister

**Ventilation:**

Normal indoor

**Local Exhaust:**

Not normally indicated

**Mechanical (General):**

Not normally indicated

**Protective Gloves:**

Rubber, vinyl

**Eye Protection:**

ANSI Z87

**Other Protective Clothing or Equipment:** Long pants, sleeves, apron**Work/Hygenic Practices:**

The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

## SECTION X. DOT INFORMATION

HYPOCHLORITE SOLUTIONS, 5% .8 UN1791, PGIII

SARA 313: RQ Hypochlorite Solutions = 100lbs

## SECTION XI. MISCELLANEOUS INFORMATION

**Notice:** All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA - Not Available

NE - Not Established

ND - Not Determined