

**Safety Data Sheet**  
**M.O.M.M.**

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** M.O.M.M.

**PRODUCT USE:** Mildew Stain Remover

**COMPANY NAME:** Continental Research Corporation

**COMPANY ADDRESS:** P.O. Box 15204 St. Louis MO 63110

**COMPANY PHONE:** 800-325-4869

**EMERGENCY PHONE:** 888-255-3924 (CHEM-TEL)

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Skin Corrosion: Category 1C

Eye Corrosion: Category 1

Corrosive to Metals

**HAZARD STATEMENT(S): DANGER:** Causes Severe skin burns and eye damage. May be corrosive to metals.

This product contains the following percentage of chemicals of unknown toxicity: 0%

**PRECAUTIONARY STATEMENTS:** Do not breathe mists. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations. Keep only in original container. Absorb spillage to prevent material damage. Store in a corrosive resistant container with a resistant inner liner.



**SYMBOL:**

**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

**SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS**

<b>HAZARDOUS INGREDIENT</b>	<b>CAS NUMBER</b>	<b>PERCENT</b>
Sodium Hydroxide	1310-73-2	3-7%
Sodium Hypochlorite	7681-52-9	3-7%

**SECTION IV - FIRST AID MEASURES**

**EYES:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice or attention.

**INGESTION:** If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

**INHALATION:** If inhaled: Remove person to fresh air and keep comfortable for breathing.

**SKIN:** If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

**ACUTE HEALTH HAZARDS:** Causes severe burns.

**CHRONIC HEALTH HAZARDS:** Sodium hydroxide may produce inflammation of the eyes, skin, and mucous membranes.

**NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

**SECTION V – FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Use appropriate media for surrounding fire.

**UNSUITABLE EXTINGUISHING MEDIA:** N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Reacts violently with incompatible materials.

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**HAZARDOUS COMBUSTION PRODUCTS:** None Known

## SECTION VI – ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.

**SPILL:** Dike area to contain spill. Dilute spill with large quantities of water and then neutralize with a dilute acid. flush area with water until clean. wear ppe equipment:safety goggles, chemical resistant clothing, and gloves

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

**RCRA STATUS:** Product should be fully characterized prior to disposal (40 CFR 261).

## SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Lock up and store in a cool, dry area. Keep containers tightly closed. Follow label directions.

**OTHER PRECAUTIONS:** Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warning and precautions listed for the product. Keep out of the reach of children

**INCOMPATIBILITY:** Strong acids, strong alkalis, strong oxidizing agents, chemically active metals.

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Sodium Hydroxide	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
Sodium Hypochlorite	0.5 ppm as Chlorine	1 ppm as Chlorine

**ENGINEERING CONTROLS / VENTILATION:** Use only in well ventilated areas. Forced ventilation required. Local exhaust preferred to general.

**RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses, Gloves, and Synthetic apron.

**ADDITIONAL MEASURES:** Wash hands and clothing in contact with product after use.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear to Cloudy Light Yellow Liquid

**ODOR:** Pine scent

**ODOR THRESHOLD:** N/D

**BOILING POINT:** N/D

**FREEZING POINT:** 32°F

**FLAMMABILITY:** Not considered a flammable liquid by OSHA (29CFR 1910.1200)

**FLASH POINT:** None

**AUTOIGNITION TEMPERATURE:** N/D

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**VAPOR PRESSURE (mm Hg):** 17.5 @ 77°F (25°C)

**VAPOR DENSITY (AIR=1):** > 1 @ 77°F (25°C)

**EVAPORATION RATE:** < 1

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.12 @ 77° F (25° C)

**pH:** 13-14

**SOLIDS (%):** N/D

**SOLUBILITY IN WATER:** 100%

**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D

**VOLATILITY INCLUDING WATER (%):** 90%

**VOLATILE ORGANIC COMPOUNDS (VOC):** 0%

**DIELECTRIC STRENGTH (Volts):** N/A

**DECOMPOSITION TEMPERATURE:** N/D

**VISCOSITY:** N/D

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## SECTION X – STABILITY AND REACTIVITY DATA

**REACTIVITY:** Chemically active metals and acids

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Chlorine liberating material. Do not mix with acids, ammonia or other cleaning compounds.

**INCOMPATIBILITY:** Strong acids, strong alkalis, strong oxidizing agents, chemically active metals.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Chlorine, Hydrogen Chloride

**POSSIBLE HAZARDOUS REACTIONS:** Will not occur

## SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** **Sodium Hydroxide** (1310-73-2) LD<sub>50</sub> (Oral, Rabbit) 400 mg/kg **Sodium Hypochlorite** (7681-52-9) LD<sub>50</sub> (Oral, Rat) 3-5 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) > 2 mg/kg

**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin

**EYES:** Causes burns to all living tissue.

**INGESTION:** Causes chemical burns, damage to mouth and esophagus with gastrointestinal irritation, nausea, vomiting.

**INHALATION:** Corrosive! May cause irritation to the upper respiratory tract, coughing, choking, inflammation of the nose, throat, and headache, dizziness, nausea, and difficulty breathing.

**SKIN:** Causes burns to all living tissue.

**MEDICAL CONDITION AGGRAVATED:** Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

**ACUTE HEALTH HAZARDS:** Causes severe burns.

**CHRONIC HEALTH HAZARDS:** Sodium hydroxide may produce inflammation of the eyes, skin, and mucous membranes.

**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

## SECTION XII – ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** **Sodium Hydroxide** (1310-73-2) LC<sub>50</sub> (Bluegill Sunfish, 48hr) 99 mg/L; (Mosquito Fish 96hr) 125 mg/L; (Brown Shrimp, 48hr) 30-100 mg/L; (Brook Trout, 24hr) 25 ppm **Sodium Hypochlorite** (7681-52-9) LC<sub>50</sub> (Bluegill Sunfish, 96hr) 2.9 mg/L; LC<sub>50</sub> (Fathead Minnow, 96hr) 1.4 mg/L; LC<sub>50</sub> (Rainbow Trout, 0.5hr) 0.9 mg/L

**BIODEGRADABILITY:** Component or components of this product are not biodegradable.

**BIOACCUMULATION:** This product is not expected to bioaccumulate.

**SOIL MOBILITY:** This product is mobile in soil.

**OTHER ECOLOGICAL HAZARDS:** None Known

## SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

**RCRA STATUS:** Product should be fully characterized prior to disposal (40 CFR 261).

## SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide and Sodium Hypochlorite)

**HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** UN 3266

**PACKAGING GROUP:** III

### AIR SHIPMENT

**PROPER SHIPPING NAME:** For gallon sized containers and smaller: Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide and Sodium Hypochlorite), Ltd. Qty.

For containers larger than a gallon: Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide and Sodium Hypochlorite)

**HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** UN 3266

**SHIPPING BY WATER:**

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**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide and Sodium Hypochlorite)

**HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** UN 3266

**ENVIRONMENTAL HAZARDS WATER:** N/A

## SECTION XV - REGULATORY INFORMATION

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None

**SARA 311/312 HAZARD CATEGORIES:** None

**SARA 313 REPORTABLE INGREDIENTS:** None

**CLEAN WATER ACT:** None

**STATE REGULATIONS:** California Proposition 65: None

**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

**NFPA HEALTH:** 2

**HMIS HEALTH:** 2

**NFPA FLAMMABILITY:** 0

**HMIS FLAMMABILITY:** 0

**NFPA REACTIVITY:** 2

**HMIS REACTIVITY:** 2

**NFPA OTHER:** N/A

**HMIS PROTECTION:** C

## SECTION XVI - ADDITIONAL INFORMATION

**PREPARATION BY:** EHS Administrator

**DATE PREPARED:** 11/26/2013

**REVISION DATE:** 10/24/2014

N/A = Not Applicable; N/D = Not Determined

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