



## MATERIAL SAFETY DATA SHEET

**PRODUCT: Deck & Patio, Moss Cleaner (Ready-to-Use)**

### SECTION 1 - PRODUCT INFORMATION

**P.C.P. Act Registration No.:** Not Required  
**Chemical Name:** Sodium Hypochlorite  
**Synonyms:** None  
**Chemical Family:** Hypochlorite  
**Product Use:** Cleaner  
**TDG Classification:** Not Regulated by Road/Rail/Marine

**Code:** 7 20212 0

### SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Sodium Hypochlorite	3.0	7778-54-3	Oral, rat 850 Dermal, rabbit >2,000	1300 mg/m3 (1 hr., rat)
Calculated LD50 for mixture			28,300	

### SECTION 3 - PHYSICAL DATA

**Physical State:** Liquid  
**Specific Gravity:** Not Applicable  
**Boiling Point:** Not Applicable  
**Vapour Pressure:** Not Applicable  
**% Volatiles:** Not Applicable  
**Solubility in Water:** Soluble

**Appearance\Odour:** Clear to light yellow  
**pH:** 9.8 – 10.8  
**Freezing/Melting Point:** Not Applicable  
**Vapour Density:** Not Applicable  
**Evaporation Rate:** Not Applicable

### SECTION 4 - FIRE AND EXPLOSION

**Flash Point:** Not Applicable  
**Lower Explosion Limit %:** Not Applicable  
**Fire Extinguishing Media:** Water Fog  
**Fire Fighting Procedures:** Wear self-contained Breathing Apparatus and impervious clothing. Minimize amount of water used and contain the run-off by diking.  
**Other Fire or Explosion Hazards:** None Known.

**Autoignition Temperature:** No Data  
**Upper Explosion Limit %:** Not Applicable

### SECTION 5 - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** Temperatures above 170 C.  
**Incompatibility (Materials to Avoid):** This material is chemically reactive with many substances including acids, organics, nitrogen-containing compounds, dry powder fire extinguishers (containing mono-ammonium phosphate), oxidizers, corrosive, flammable or combustible materials.  
**Hazardous Decomposition Products:** Chlorine gas

**Hazardous Polymerization:** Will Not Occur

### SECTION 6 - HEALTH HAZARD DATA

**Acute Effects of Overexposure:** Inhalation can be irritating to the nose, mouth, throat and lungs. Severe eye irritation and/or burns can occur. Exposure can cause severe irritation and or burns to eyes or skin. If ingested, irritation and/or burns can occur to the entire gastrointestinal tract, including the stomach and intestines,

## Deck & Patio, Moss Cleaner (RTU)

characterized by nausea, vomiting, diarrhea, abdominal pain, bleeding and or tissue ulceration.

**Effects of Chronic Exposure:** Repeated inhalation of vapours can lead to permanent lung and eye damage.

**Other Health Effects:** None Known.

### SECTION 7 - FIRST AID PROCEDURES

**Inhalation:** Move victim to fresh air, obtain medical advice if irritation persists.

**Skin Contact:** Flush skin with running water for 10 minutes and thoroughly wash with soap and water. If irritation persists seek medical attention.

**Ingestion:** Give 1 to 2 glasses (200 to 500 ml) of water to dilute material. DO NOT induce vomiting unless directed to by a poison control centre or medical physician. If spontaneous vomiting occurs, lean victim forward with head down to avoid breathing vomitus, rinse mouth and administer more water. OBTAIN MEDICAL ADVICE.

**Eye Contact:** Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek Medical Attention.

### SECTION 8 - PREVENTIVE MEASURES

**Respiratory Protection:** None required under normal use.

**Eye Protection:** Safety goggles/glasses recommended.

**Skin Protection:** Gloves recommended.

**Other Personal Protective Equipment:** None required.

**Engineering Controls:** Local exhaust or ventilation.

**Handling Procedures and Equipment:** Avoid breathing vapours, contact with eyes, skin and clothing. Wash thoroughly after use.

**Storage Requirements:** Store in cool, dry, ventilated area. Keep out of reach of children and pets.

**Storage Temperature:** Min: 0 °C Max: 40 °C

### SECTION 9 - ENVIRONMENTAL PROTECTION DATA

**Spill and Leak Procedures:** Stop leak and contain spill. Absorb spilled material and shovel in waste container for disposal. Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.

**FOR PRODUCT SPILLS OR EXPOSURE TO PAINTED SURFACES, METAL, GRASS, SHRUBS, ORNAMENTAL PLANTS, IMMEDIATELY WATER AREA THOROUGHLY WITH WATER.**

**Waste Disposal:** Dispose of empty container in household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.

**Environmental Effects:** Do not contaminate local water supplies or environments.

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**Prepared by:** Technical Department

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