

# **M A T E R I A L   S A F E T Y   D A T A   S H E E T**

**Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200**

Date of Prep: 1/24/13

## SECTION 1

SUNNYSIDE CORPORATION  
225 CARPENTER AVENUE  
WHEELING, ILLINOIS 60090 (847) 541-5700  
EMERGENCY TELEPHONE (800) 424-9300

FOR INFORMATION: (847) 541-5700

- SUNNYSIDE CORPORATION  
- CHEM TREC

Product Class: Surfactants/Inorganics  
Trade Name: M-1 Deck & Roof Cleaner Concentrate

Manufacturer's Code: 780  
NPCA HMIS: Health: 3  
Flammability: 0  
Reactivity: 0

Product Appearance and Odor: Yellow liquid; mild odor.

## SECTION 2 -- HAZARDOUS INGREDIENTS

### OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT	CAS #	PERCENT	ACGIH TLV (TWA)	ACGIH TLV (STEL)	OSHA PEL (TWA)	OSHA PEL (STEL)	VAPOR PRESSURE
Sodium Hydroxide	1310-73-2	12-14%	Not Est.	Not Est.	Not Est.	Not Est.	Not Available
Sodium Metasilicate Pentahydrate	6834-92-0		Not Est.	Not Est.	Not Est.	Not Est.	Not Applicable

## SECTION 3 -- EMERGENCY AND FIRST AID PROCEDURES

**Inhalation:** Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, give mouth-to-mouth resuscitation. Get medical attention immediately.

**Eye Contact:** Immediately flush eyes with large amounts of water for at least 30 minutes forcibly holding lids apart to ensure complete irrigation of all eye and lid tissue. Washing eyes within one minute is essential to achieve maximum effectiveness. Seek medical attention immediately, preferably from an ophthalmologist. Remove contact lenses.

**Skin Contact:** Remove contaminated clothing and shoes immediately. Wash affected area with large amounts of cool water and soap for at least 15 to 20 minutes. Obtain medical attention if irritation persists. Discard non-rubber shoes. Wash clothing and shoes before reuse.

**Ingestion:** Get medical attention as soon as possible. If swallowed, do not induce vomiting. If patient is fully conscious, give large quantities of water. If vomiting occurs spontaneously, keep airway clear. Turn victim's head to the side. Never give anything by mouth to an unconscious person.

## SECTION 4 -- PHYSICAL DATA

The following data represent approximate or typical values. They do not constitute product specifications.

Boiling Range:	212° F. (I.B.P.)	Vapor Density:	NA
Evaporation Rate:	Slower than ether	% Volatile By Volume:	Not determined
Weight Per Gallon:	9.16 lbs.		
Solubility in Water:	Complete		
PH:	14 (Approx)		

## SECTION 5 -- FIRE AND EXPLOSION DATA

**Flammability Classification:** Non-flammable.

**Flash Point:** Not applicable

**Lower Explosive Limit:** Not applicable

**Extinguishing Media:** Use water spray, dry chemical, fog, carbon dioxide, foam or other agents as appropriate for surrounding fire.

**Unusual Fire and Explosion Hazards:** Do not store or mix with strong oxidants or acids.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use water spray to keep fire-exposed containers cool.

**SECTION 6 -- HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: EFFECTS OF OVEREXPOSURE	See Section 2.
Eye Contact:	Will cause tissue destruction and eye damage if not treated.
Skin Contact:	Skin contact may produce burns.
Ingestion:	Causes severe irritation and possible tissue damage to mucous membranes of the mouth, throat, esophagus and stomach. Can result in death.
Inhalation:	Inhalation of spray mist may produce severe irritation of respiratory tract.
Carcinogenicity:	Components of this product have not been identified as carcinogens by NTP, IARC, or OSHA.

**SECTION 7 -- REACTIVITY DATA**

Stability:	Stable
Conditions to Avoid:	Prolonged excessive heat may cause product decomposition.
Incompatibility (Materials to Avoid):	This product is alkaline – avoid contact with acidic materials and strong oxidizing agents. Prolonged contact with metals such as aluminum, tin, lead and zinc may produce flammable hydrogen gas.
Hazardous Decomposition Products:	Thermal decomposition may yield carbon dioxide and carbon monoxide.
Hazardous Polymerization:	Will not occur.

**SECTION 8 -- SPILL OR LEAK PROCEDURES**

Steps to be taken in case material is spilled or released: Wear eye and skin protection. Floor may be slippery; use care to avoid falling. Leaks should be stopped. Spills should be contained and scooped up immediately with inert materials (e.g. sand, earth) and placed in approved containers for disposal. Flush spill area with water.

Waste disposal method: Consult local, state and federal regulations before disposing of this material.

**SECTION 9 -- SAFE HANDLING AND USE INFORMATION**

Respiratory Protection:	Not required under normal use, but if vapor concentration become high, use self-contained air mask.
Ventilation:	Use adequate ventilation.
Protective Gloves:	Chemically resistant gloves.
Eye Protection:	Chemical resistant goggles must be worn.
Other Protective Equipment:	Eye wash and safety shower in work areas.
Handling and Storage Precautions:	Do not store in aluminum container as flammable hydrogen gas can be generated. Do not use aluminum fittings or transfer lines. Avoid contact with acids.

**SECTION 10 -- SPECIAL PRECAUTIONS**

Dept. of Labor Storage Category:	Non-flammable. Keep containers closed when not in use. Avoid eye contact. Avoid prolonged or repeated contact with skin. Wash skin with soap and water after contact.
Empty Container Warning:	"Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition. They may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged and promptly returned to supplier or disposed of in an environmentally safe manner and in accordance with governmental regulations.

**SECTION 11 -- ADDITIONAL INFORMATION**

This product contains the following toxic chemical(s) which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

TOXIC CHEMICAL	CAS #	APPROXIMATE % BY WEIGHT
Not Applicable	Not Applicable	Not Applicable
SARA Title III Hazard Categories:	Immediate (Acute) Health Hazard	
Common Names:	Water based cleaner	
TRANSPORTATION	(US DOT LAND TRANSPORTATION IN PACKAGES OF 119 GALS OR LESS)	
U.S. D.O.T. Shipping Name:	SODIUM HYDROXIDE, SOLUTION	
U.S. D.O.T. ID Number:	UN1824	
U.S. D.O.T. Class:	8	
U.S. D.O.T Packing Group:	II	

Refer to 49CFR for possible exceptions and/or exemptions