

# S A F E T Y   D A T A   S H E E T



## Madison Chemical Co., Inc.

3141 Clifty Drive • Madison, IN 47250

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

NAME: **ProClean® FLOOR DEFENSE - OX**

TYPE: Oxygenated material  
PRODUCT #: 802842

**FOR INDUSTRIAL USE ONLY – KEEP OUT OF THE REACH OF CHILDREN**

#### EMERGENCY RESPONSE INFORMATION:

CHEMTREC 800-424-9300 24-Hour Service  
Company Offices: 812-273-6000 Weekdays

PREPARED DATE: 08-14-19 PREPARED BY: David Craft

### SECTION 2: HAZARDS IDENTIFICATION

GHS Classification	Oxidizing Solids	Category 2	H272
	Acute Toxicity - oral	Category 4	H302
	Acute Toxicity - dermal	Category 5	H313
	Serious Eye Damage/Eye Irritation	Category 2A	H319
	Aquatic Toxicity (Acute)	Category 2	H401

Signal Word

**DANGER**

Symbol



Hazard Statements

H272 May intensify fire; oxidizer.  
H302 Harmful if swallowed.  
H313 May be harmful in contact with skin.  
H319 Causes serious eye irritation.  
H401 Toxic to aquatic life.

Precautionary Statements

P210 Keep away from heat, sparks, open flames and hot surfaces. – No smoking.  
P220 Store away from clothing and combustible materials.  
P221 Take any precaution to avoid mixing with combustibles.  
P264 Wash hands, forearms, and exposed areas thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P330 + P312 IF SWALLOWED: rinse mouth. Call a POISON CENTER/doctor if you feel unwell.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P304 + P340 IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P313 Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.  
P501 Dispose of contents / container according to local, regional, national and international regulations.

# SAFETY DATA SHEET

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>SYNONYM</u>	<u>CAS NO.</u>	<u>% BY WEIGHT</u>
Sodium carbonate peroxyhydrate	None	15630-89-4	90 – 100

\*If Chemical Name/CAS No is "proprietary" and/or % By Weight is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret\*

## SECTION 4: FIRST AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES:

<b>EYES:</b>	Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician.
<b>SKIN:</b>	Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse.
<b>INGESTION:</b>	Give water. Call a physician. DO NOT give anything by mouth if the person is unconscious or if having convulsions.
<b>INHALATION:</b>	Move subject to fresh air and get medical attention.
<b>PRIMARY ROUTE(S) OF ENTRY:</b>	Eyes, skin, inhalation.

### MOST IMPORTANT SYMPTOMS / EFFECTS, ACUTE AND DELAYED:

<b>EYE CONTACT:</b>	Contacted areas may exhibit irritation. Acute overexposure without water flushing may result in burns.
<b>SKIN CONTACT:</b>	Contacted areas may exhibit irritation.
<b>INGESTION:</b>	Harmful if swallowed.
<b>INHALATION:</b>	May cause nasal and respiratory irritation.
<b>CHRONIC SYMPTOMS:</b>	None expected under normal conditions of use.

### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:

If you experience any of the symptoms / effects listed above seek medical advice.

## SECTION 5: FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA:

Use flooding amounts of water.

### SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Oxygen evolution as a result of decomposition may burst sealed container and accelerate the burning rates of other combustible materials. Damp **CONCRETE CLEANER O-2** in contact with paper, wood, cloth, etc. may cause spontaneous combustion of the organic material.

### ADVICE FOR FIRE FIGHTERS:

Wear self-contained breathing apparatus and full protective clothing. Use water spray to keep containers cool.

**Hazardous Combustion Products:** Liberates oxygen, water and generates heat.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:

Avoid all contact with skin, eyes and clothing. Wear safety eyewear to protect against unexpected splashes. Wear suitable protective clothing. Use NIOSH / MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Sweep up, **DO NOT** put back into the original container. Bag spilled material in clean, dry plastic bags. See Waste Disposal Method. Do not discharge to sewers or waterways without proper treatment.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING:

Wear proper safety equipment when handling this product. Handle in accordance with good industrial hygiene and safety procedures.

### CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:

Store in a cool, dry, ventilated area. Keep container closed when not in use. Store away from organics, reducing agents and acids.

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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE GUIDELINES:** No ingredients identified by OSHA as hazardous are known to be present above de minimus levels.

**CHEMICAL IDENTITY**

Sodium carbonate peroxyhydrate

**CAS NO.**

15630-89-4

**OSHA PEL**

N.E.\*

**ACGIH TLV**

N.E.\*\*

\*Manufacturer recommends the observance of the OSHA PEL of 15 mg / M<sup>3</sup> for nuisance particulates. \*\*Manufacturer recommends the observance of the ACGIH TLV of 10 mg / M<sup>3</sup> for particulates not otherwise classified.

**ENGINEERING CONTROLS:**

As necessary to avoid inhalation and contact.

**INDIVIDUAL PROTECTION MEASURES:**

Selection of personal protective equipment should be based upon the anticipated exposure and made in accordance with OSHA's Personal Protective Equipment Standard found in 29 CFR 1910 Subpart I. The following information may be used to assist in PPE selection.

**RESPIRATORY PROTECTION:**

In absence of proper environmental control, use NIOSH / MSHA approved respirator for dusts and mists where airborne exposure is excessive.

**SKIN PROTECTION:**

Impermeable gloves. Other equipment as required to avoid contact.

**EYE PROTECTION:**

Safety eyewear to protect against unexpected splashes.

**GENERAL HYGIENE CONSIDERATIONS:**

Eyewash facility and emergency shower should be in close proximity. Always wash hands after handling any chemical.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	White powder.
<b>ODOR:</b>	None.
<b>ODOR THRESHOLD:</b>	Not available.
<b>pH (8 oz/gallon):</b>	10.5 – 10.9
<b>MELTING POINT/FREEZING POINT</b>	Not available.
<b>INITIAL BOILING POINT AND BOILING RANGE</b>	Not available.
<b>FLASH POINT (METHOD USED)</b>	Not available.
<b>EVAPORATION RATE</b>	Not relevant.
<b>FLAMMABILITY (SOLID, GAS)</b>	Not available.
<b>UPPER/LOWER FLAMMABLE OR EXPLOSIVE LIMIT</b>	Not available.
<b>VAPOR PRESSURE</b>	Not available.
<b>VAPOR DENSITY</b>	Not available.
<b>SPECIFIC GRAVITY</b>	Not available.
<b>SOLUBILITY IN WATER</b>	Appreciable.
<b>PARTITION COEFFICIENT: N-OCTANOL/WATER</b>	Not available.
<b>AUTO-IGNITION TEMPERATURE</b>	Not available.
<b>VISCOSITY, DYNAMIC</b>	Not available.
<b>DECOMPOSITION TEMPERATURE</b>	Not available.
<b>VISCOSITY</b>	Not available.

## SECTION 10: STABILITY AND REACTIVITY

<b>REACTIVITY:</b>	Hazardous reactions will not occur under normal conditions.
<b>CHEMICAL STABILITY:</b>	Stable under recommended handling and storage conditions (see Section 7).
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	Hazardous polymerization will not occur.
<b>CONDITIONS TO AVOID:</b>	Excessive heat, moisture and / or contamination.
<b>INCOMPATIBLE MATERIALS:</b>	Excessive heat, moisture, acids, reducing agents and contaminants such as organics, metals and their salts, combustible and flammable materials.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Liberates oxygen, water and generates heat.

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## SECTION 11: TOXOLOGICAL INFORMATION

<b>ACUTE TOXICITY:</b>	Not classified.
<b>LD50 AND LC50 DATA:</b>	Not available.
<b>ROUTES OF EXPOSURE / SYMPTOMS EYES:</b>	WARNING! Contacted areas may exhibit irritation. Acute overexposure without water flushing may result in burns.
<b>SKIN:</b>	WARNING! Contacted areas may exhibit irritation.
<b>INGESTION:</b>	WARNING! Harmful if swallowed.
<b>INHALATION:</b>	WARNING! May cause nasal and respiratory irritation.
<b>GERM CELL MUTAGENICITY:</b>	Not classified.
<b>TERATOGENICITY:</b>	Not available.
<b>CHRONIC EFFECTS / CARCINOGENICITY:</b>	This material contains no ingredient above de minimus concentrations known or suspected to cause cancer.
<b>SPECIFIC TARGET ORGAN TOXICITY (Repeated exposure):</b>	Not classified.
<b>REPRODUCTIVE TOXICITY:</b>	Not classified.
<b>SPECIFIC TARGET ORGAN TOXICITY (Single exposure):</b>	Not classified.
<b>ASPIRATION HAZARD:</b>	Not classified.
<b>COMPONENT INFORMATION:</b>	
Sodium carbonate peroxyhydrate	LD50 Oral Rat: 1,034 mg/kg LD50 DermalRabbit:: >2,000 mg/kg LC50 Inhalation: >4,580 mg / M <sup>3</sup> / 1 hr

## SECTION 12: ECOLOGICAL INFORMATION

<b>ECOTOXICITY</b>	The ecotoxicity of this product is not known
<b>COMPONENT INFORMATION</b>	
Sodium carbonate peroxyhydrate	LC50 Fish ( <i>Pimephales promelas</i> ): 70.7 mg/L LC50 Crustaceans ( <i>Daphnia pulex</i> ): 4.9 mg/L
<b>PERSISTENCE AND DEGRADABILITY:</b>	Not available.
<b>BIOACCUMULATIVE POTENTIAL:</b>	Not available.
<b>MOBILITY IN SOIL:</b>	Not available.
<b>OTHER ADVERSE EFFECTS:</b>	This material contains no hazardous air pollutants (HAPS).

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>WASTE DISPOSAL METHOD</b>	Normal for alkaline oxidative wastes. Dispose in accordance with local, state and federal regulations.
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## SECTION 14: TRANSPORTATION INFORMATION

<b>DOT PROPER SHIPPING NAME:</b>	Sodium carbonate peroxyhydrate
<b>HAZARD CLASS:</b>	5.1
<b>IDENTIFICATION NUMBER:</b>	UN3378
<b>PACKING GROUP:</b>	II
<b>EMERGENCY RESPONSE GUIDE:</b>	ERG #140

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## SECTION 15: REGULATORY INFORMATION

**VOC:** 0 pounds per gallon (0 grams per liter).  
**TSCA STATUS** All ingredients are listed on the active TSCA inventory.  
**CERCLA REPORTABLE QUANTITY** 100 pounds for sodium percarbonate (approximately 100 pounds)

### SARA 311 / 312 HAZARD CLASSES

<b>x</b>	ACUTE HEALTH
	FIRE
	SUDDEN RELEASE OF PRESSURE
	CHRONIC HEALTH
	REACTIVE

### SARA 312 INFORMATION

Storage of 10,000 pounds or more may require filing a Tier 2 form. Threshold planning quantity for reporting is 10,000 pounds. This material is not an extremely hazardous substance (EHS).

### SARA 313 INFORMATION

This material contains the following substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

### CHEMICAL NAME

None

### CATEGORY CODE

### CAS NUMBER

### % BY WEIGHT

### STATE REGULATORY INFORMATION

#### CALIFORNIA PROPOSITION 65

California has not identified the ingredients listed in Section 3 as known to cause cancer or reproductive toxicity.

## SECTION 16: OTHER INFORMATION

**SDS STATUS:** Created on 08-14-19

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<b>1</b>

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