



Safety Datasheet

Section 1—Chemical Product and Company Identification

Product Identifier: Phoenix POWDERED OXYGEN BLEACH

Product Use: Laundry destainer

Supplier: Fabriclean, 8301 Ambassador Row, Dallas, Texas 75247, tel 214-826-4161.

Emergency Contact: Chemtrec, 800-424-9300.

Section 2—Hazards Identification

Physical Hazards: Not Classified as Hazardous

Health Hazards: Eye Corrosion: 1

Skin Irritation: 2

Environmental Hazards: Acute Aquatic Toxicity: 3

Chronic Aquatic Toxicity: 3

Signal Word: DANGER

Symbols:



Hazard Statements: Causes serious eye damage. Causes skin irritation. Harmful to aquatic life with long lasting effects.

Precautionary Statements: Wash hands thoroughly after handling. Wear protective gloves and eye protection. Avoid release to the environment.

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Dispose of contents and container in accordance with local, regional, national, and international regulations.

Other Hazards: None found.

Unknown Ingredients: N/D

Section 3—Information on Ingredients

Ingredient Name	Ingredient Percentage	Ingredient CAS No
Sodium Metasilicate Anhydrous	1-5	6834-92-0
Product as a Whole	100	N/D

Section 4—First Aid Measures

Skin contact: If on skin or hair: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

Eye contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Ingestion: If swallowed: No need for first aid is anticipated if material is swallowed. If irritation occurs, seek medical attention.

Inhalation: If inhaled: Get to fresh air. If not breathing or if breathing is difficult, provide respiratory assistance and seek medical attention.

Most important symptoms/effects, acute and delayed: N/D

Indication of immediate medical attention/special treatment: N/D

Section 5—Fire-Fighting Measures

Suitable extinguishing media: Use media suitable to surrounding fire.

Specific hazard arising from chemicals: None known

Special equipment and precautions: Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

Section 6—Accidental Release Measures

Personal precaution, protective equipment, emergency procedures: Avoid contact with skin and eyes. Do not ingest. Do not inhale. Wear Personal Protective Equipment (refer to section 8).

Methods and material for containment and clean up: Avoid release to the environment. Absorb liquid with inert material. Sweep up and place in a container. Material may become slippery. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

Section 7—Handling and Storage

Precautions for safe handling: Wash thoroughly after handling, especially before eating, drinking, smoking or using restroom facilities. Wash goggles and gloves. Launder contaminated clothing. Do not swallow. Do not get in eyes. Do not inhale mists or vapors.

Cautions for safe storage: Store locked up.

Incompatibilities: Highly reactive, avoid all contamination especially moisture.

Section 8—Exposure controls/personal protection

Exposure Limits: Sodium Metasilicate: TLV (ACGIH) 2 mg/m³

Specific Engineering: Not established.

Individual protective equipment and measures: Respiratory Protection: NIOSH/MSHA approved respirator. Mechanical: Where dusts or mists are generated. Protective Gloves: Rubber or neoprene gloves. Eye protection: Chemical goggles. Other Protective Clothing: Standard work clothing. Wash articles before reuse.

Section 9—Physical and Chemical Properties

Physical State: Solid (powder)	Flammability (solid, gas): N/D
Color: White	Vapor Pressure (mmHg): N/D
Odor: Characteristic odor	Vapor Density (air= 1): N/D
Odor Threshold: N/D	Relative Density: N/D
pH: N/D	Solubilities: In water: complete
Melting point/freezing Point: N/D	Partition Coefficient: N/D
Initial Boiling Point and Boiling Range: N/D	Auto-Ignition Temperature: N/D
Flash Point: N/D	Decomposition Temperature: N/D
Evaporation Rate: N/D	Viscosity: N/D
Upper/Lower Flammability or Explosive limits: N/D	

Section 10—Stability and Reactivity:

Chemical Stability: Stable	Condition to Avoid: Moist conditions.
Reactivity: No specific reactivity test data available for this mixture.	Possibility of Hazardous Reaction: Hazardous Polymerization: N/D
Incompatible Materials: Highly reactive, avoid all contamination especially with moisture.	Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

Section 11—Toxicological information:

Information on the likely routes of exposure: Skin contact, eye contact, inhalation, ingestion.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Sodium Metasilicate Anhydrous	1,280 mg/kg	N/D	N/D
Product as a Whole	2,925 mg/kg	N/D	N/D

Important symptoms: Refer to Section 4—First Aid Measures.

Effects of Acute Exposure: None known

Effects of Chronic Exposure: None known

Carcinogenicity: IARC, ACGIH, NTP, OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA respectively.

Other Data: Medical Conditions Aggravated by Exposure: None known.

Section 12—Ecological Information:

Ecotoxicity: Harmful to aquatic life with long lasting effects.

Sodium Percarbonate: Toxicity to fish LC50: Pimephales promelas (fathead minnow) - 70.7 mg/l - 96 h.

Toxicity to daphnia and other aquatic invertebrates: EC0 - Daphnia magna (Water flea) - 2 mg/l - 48 h.

EC50 - Daphnia magna (Water flea) - 4.9 mg/l - 48 h.

Persistence and degradability: N/D	Bioaccumulative Potential: N/D
Mobility in Soil: N/D	Other Adverse Effects: N/D

Section 13—Disposal Considerations

Waste Treatment Method: Avoid release to the environment. Collect spillage. DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different

locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. Waste water treatment system.

Section 14—Transport Information

UN number:	UN proper shipping name:
Transport hazard class(es) :	Packing group if applicable:
Environmental hazards:	Special precautions:
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	

Section 15—Regulatory information

No information found.

Section 16—Other Information

Key to Abbreviations:

no info not determined, no information found

N/D not determined, no information found

Date SDS Prepared: July 1, 2015

Suggested NFPA rating: N/D

Suggested HMIS rating: N/D, PPE=N/D. (NPCA recommends that PPE codes be determined by the employer, who is most familiar with the actual conditions under which chemicals are used at the work location.)

This information is prepared according to 29 CFR 1910.1200 and is based on typical working conditions, use of product according to label directions, and the works of others. It may not be accurate. Actual use conditions are beyond our control. Employers should make their own studies to determine the suitability of the information for their purposes. Users assume all risks of use, handling, and disposal of the product, or of publishing, use, or reliance upon, this information. We assume no liability for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.