

# Material Safety Data Sheet

Date entered: **10/5/09**Date Revised: **1/15/10****Algonquin Products**1165 Allgood Road  
Suite 13  
Marietta Ga. 30062 U.S.A.  
(770)-578-4240

Emergency Numbers:

Medical: **(866)-477-6078**Transportation: **(800)-424-9300**

## Section 1

## PRODUCT IDENTIFICATION

(1.) Product Name: **POWDERED OXYGEN BLEACH** (2.) Product Number: **1250-50**  
(3.) Chemical name/synonyms: Hydrogen Peroxide Compound (H<sub>2</sub>O<sub>2</sub>) EPA Reg. No.: \_\_\_\_\_  
(4.) Chemical family: Water Damage Cleaner and Stain Remover (5.) Chemical formula: Proprietary EPA Est. No.: \_\_\_\_\_  
(6.) NFPA & HMIS acute hazard rating: Health: 2 Flammability: 0 Reactivity: 0 (7.) Preparer Name: Bill Lyon Phone: (866)-791-9595  
(8.) Personal Protective Equipment: Safety glasses, gloves

## Section 2

## CHEMICAL COMPOSITION

**Note: list all CERCLA hazardous substances at 1% or greater and carcinogens at 0.1% or greater.**

(1.) Ingredient:	(2.) SARA Note 313:	(3.) CAS Number:	(4.) % range:	(5.) PEL:	(6.) LD50:	(7.) TLV:
Sodium Perborate	No	7632-04-4	45-55	n/d	n/d	n/d

**Note**

Balance: Non hazardous

## Section 3

## PHYSIOLOGICAL EFFECTS

(1.) Primary routes(s) of entry into body: (2.) Eyes: \_\_\_\_ (3.) Skin: X (4.) Inhalation: \_\_\_\_ (5.) Ingestion: \_\_\_\_  
(6.) Acute effects:  
(7.) Eyes: tissue irritation and damage, swelling, blurred vision, blindness  
(8.) Skin: Skin burning and or blistering, whitening of skin, pain and soreness  
(9.) Inhalation: some tissue irritation, shortness of breath  
(10.) Ingestion: Harmful or fatal if ingested in large amounts.  
(11.) Chronic effects: none known

## Section 4

## EMERGENCY AND FIRST AID PROCEDURES

(1.) Eyes: rinse for 15 minutes with potable water while seeking immediate medical attention.  
(2.) Skin: wash affected area with soap & water, then rinse with clean, clear water.  
(3.) Inhalation: remove victim to fresh air, while seeking immediate medical attention.  
(4.) Ingestion: give large amounts of potable water while seeking immediate medical attention.  
(5.) Special instructions to physician: Inform medical team that product contains 17% Hydrogen Peroxide

## Section 5

## FIRE AND EXPLOSION HAZARD DATA

(1.) Flash point: n/a °F (2.) Method: TOC (3.) Flammable limits in air: n/d (4.) Auto ignition temperature: n/d °C  
(5.) Suitable extinguishing media: water, foam or CO2 (6.) Hazardous combustion biproducts: oxvaen  
(7.) Rec. fire fighting procedures: normal procedures (8.) Unusual fire explosion hazards: when heated will yield flammable vapor

## Section 6

## ENVIRONMENTAL INFORMATION

(1.) Spill or leak procedures:  
(2.) Small spill leak: stop leak, mop or vacuum to disposal container or rinse to sanitary sewer.  
(3.) Large spill leak: stop leak, mop or vacuum to disposal container or rinse to sanitary sewer.  
(4.) Spill reportable quantity: none  
(5.) Waste disposal method: follow local, state and federal guidelines.  
(6.) EPA appropriate waste classification: none  
(7.) RCRA appropriate characteristic waste: n/a (8.) if so EPA hazardous waste number: n/a  
(9.) RCRA appropriate listed waste: n/a (10.) if so EPA hazardous waste number: n/a  
(11.) non RCRA regulated waste: n/a  
(12.) Procedure for handling empty containers: do not reuse, give container to licensed drum reconditioner.  
(13.) Environmental toxicity data: **BIODEGRADABLE - decomposes to water and oxvaen**  
(14.) Other regulatory controls: none

(15.) Is material classified under the CLEAN WATER ACT (USA) or appropriate water regulations as a:

(16.) Toxic pollutant (section 307): No(17.) Hazardous substance (section 311)? No(18.) if yes, reportable quantity (R.Q.): n/a(18.) Oil section 311? No

(19.) Is material classified under the CLEAN AIR ACT (USA) or appropriate CLEAN AIR regulations as a:

(20.) Hazardous air pollutant section (12)? No(21.) Comments: **none**

## Section 7 STORAGE AND HANDLING PRECAUTIONS

(1.) Storage: store at temperatures below 120 F and above 32 F(2.) Handling: use chemical resistant gloves and eye protection when handling concentrate(3.) Precautionary labeling: OXIDIZER

## Section 8 OCCUPATIONAL CONTROL PROCEDURES

(1.) Ventilation: (2.) local exhaust X (3.) general exhaust      (4.) none required     

(5.) Personal protective equipment:

(6.) Respirator type: Not required(7.) Gloves: (8.) Natural rubber:      (9.) plastic:      (10.) nitrile:      (11.) neoprene: X (12.) butyl:      (13.) other:     (14.) Eye protection: (15.) glasses with side shield: X (16.) full face shield:      (17.) chemical splash goggles:      (18.) other:     

## Section 9 PHYSICAL DATA

(1.) Appearance: WHITE POWDER (2.) Odor: NONE (3.) Physical state: Liquid(4.) Boiling Point: n/a (5.) Freeze Point: n/a (6.) Specific Gravity: 1.05 (7.) pH Neat: 3.5 (8.) pH 1%: 10.5 (9.) % Solids: 100.0%(10.) % Volatiles: 0.0% (11.) Solubility Water: Complete (12.) Vapor pressure: n/a (13.) Vapor density: n/a(14.) Evaporation rate: <1 (15.) VOC Less Exempt (theoretical): 0.00 lbs./gal (16.) VOC As Packaged (theoretical): 0.00 lbs./gal.(17.) Foam Potential: SLIGHT (18.) Ozone Depleting Compounds: n/d (19.) Hazardous Air Pollutants: none(20.) EPA Clean Water Act: No (21.) SARA Title III, Section 313 Reportable: No (22.) Boiling Point: n/a F<sup>0</sup> Initial(23.) Flammability: N/A

## Section 10 REACTIVITY DATA

(1.) Thermal stability: Stable(2.) Condition to avoid: none(3.) Hazardous decomposition products: none(4.) Hazardous polymerization: may occur:      will not occur: X(6.) Materials to avoid: none(7.) Corrosive action on materials: none

## Section 11 TOXICOLOGICAL INFORMATION

(1.) Summary of health effects:

Immediate irritation of skin, skin turns white upon contact with liquid. No long term damage to epidermis or dermas expected. Symptoms disappear within 30-60 minutes

## Section 12 SHIPPING REQUIREMENTS

(1.) Indicate country/regulatory agency which specifies requirements: U.S.A.-DOT

(2.) Proper Shipping name:

**Oxidizing Solid, N.O.S. (Sodium Perborate), 5.1, UN-1479, PG II, ERG#140 Item Name: Powdered Oxygen Bleach, Number: 1250-50, NMFC#:48580-03, Container:Pail**(3.) Hazardous class: 5.1 (4.) Identification number: UN-1479 (5.) Packaging group: PG II (6.) Emergency response guide number: ERG#140(7.) Labels required: Oxidizer(8.) Other requirements: none(9.) Note: Product above 180 degrees F will yield large amounts of pure oxygen to create an explosive condition.Product Name: **POWDERED OXYGEN BLEACH**DOT Hazard Classification: OxidizerProduct Number: 1250-50

n/d = not determined; n/a = not applicable