

Distributor: Smart Systems • 303 South Byrkit Avenue • Mishawaka, IN 46544 • (574) 257-9998

1. Product and Company Identification

Product Code: 4411
Product Name: OxyBright
Company Name: PDQ Manufacturing, Inc.
 201 Victory Circle
 Ellijay, GA 30540
Phone Number: (706)636-1848
Web site address: www.pdqonline.com
Emergency Contact: Chemtrec, Ref: CCN203605 (800)424-9300
Information: info@pdqonline.com (706)636-1848
Product Category: Destaining Compound

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2A



GHS Signal Word: **Warning**
GHS Hazard Phrases: H319 - Causes serious eye irritation.
GHS Precaution Phrases: P264 - Wash hands thoroughly after handling.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases: P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+313 - If eye irritation persists, get medical advice/attention.
GHS Storage and Disposal Phrases: No phrases apply.

Hazard Rating System:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	1
PPE	

HMIS:



Potential Health Effects (Acute and Chronic):

Inhalation: May be harmful if inhaled. Can produce delayed pulmonary edema. May cause acute pulmonary edema, asphyxia, chemical pneumonitis, and upper airway obstruction caused by edema.
Skin Contact: Causes skin irritation.
Eye Contact: Causes eye irritation. May cause conjunctivitis. May cause permanent corneal opacification. Lachrymator (substance which increases the flow of tears).
Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed. May cause nausea, vomiting, and diarrhea, possibly with blood. Ingestion of large amounts may cause nausea and vomiting, rigidity or convulsions. Continued exposure can produce coma, dehydration, and internal organ congestion.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}	<50.0 %

4. First Aid Measures

Emergency and First Aid

Procedures:

- In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.
- In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical aid if irritation develops or persists.
- In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid. If irritation develops, get medical aid.
- In Case of Ingestion:** Never give anything by mouth to an unconscious person. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Wash mouth out with water. Get medical aid if irritation or symptoms occur.

Note to Physician: None known.

5. Fire Fighting Measures

- Flash Pt:** NA Method Used: Estimate
- Explosive Limits:** LEL: UEL:
- Autoignition Pt:** NA
- Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical foam. Do NOT get water inside containers. Contact professional fire-fighters immediately. Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.
- Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Strong oxidizer. Contact with other material may cause fire. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products. Use water with caution and in flooding amounts. May accelerate burning if involved in a fire. Containers may explode when heated. May be combustible at high temperatures.

Flammable Properties and Hazards:

6. Accidental Release Measures

- Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Remove all sources of ignition. Provide ventilation. Do not get water inside containers. Do not use combustible materials such as paper towels to clean up spill. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Do not let this chemical enter the environment.

7. Handling and Storage

Precautions To Be Taken in Handling:	Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid breathing dust, mist, or vapor. Keep container tightly closed. Avoid contact with clothing and other combustible materials. Do not get on skin or in eyes. Avoid ingestion and inhalation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.
Precautions To Be Taken in Storing:	Keep away from sources of ignition. Do not store near combustible materials. Store in a tightly closed container. Store protected from moisture. Store in a cool, dry place. Keep away from acids.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}			
Respiratory Equipment (Specify Type):	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.			
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.			
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure.			
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure.			
Engineering Controls (Ventilation etc.):	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.			

9. Physical and Chemical Properties

Physical States:	[] Gas [] Liquid [X] Solid
Appearance and Odor:	White, free flowing powder Light orange oil odor.
Melting Point:	- 0.00 C
Boiling Point:	- 0.00 C
Autoignition Pt:	NA
Flash Pt:	NA Method Used: Estimate
Explosive Limits:	LEL: UEL:
Specific Gravity (Water = 1):	
Vapor Pressure (vs. Air or mm Hg):	
Vapor Density (vs. Air = 1):	
Evaporation Rate:	
Solubility in Water:	

pH: ~ 10.7 @ 1%

Percent Volatile:

10. Stability and Reactivity

Stability: Unstable [] Stable []

Conditions To Avoid - Instability: ignition sources, Excess heat, combustible materials.

Incompatibility - Materials To Avoid: Reducing agents, Organic materials, Finely powdered metals, Acids, Bases, Strong acids. Hydrogen peroxide, nitrogen compounds.

Hazardous Decomposition Or Byproducts: Carbon monoxide, Carbon dioxide, sodium oxide.

Possibility of Hazardous Reactions: Will occur [] Will not occur []

Conditions To Avoid - Hazardous Reactions:

11. Toxicological Information

Toxicological Information: Epidemiology: No information found.
Teratogenicity: No information available. Reproductive Effects: Mutagenicity:
Neurotoxicity: Teratogenicity: Teratogenic effects have occurred in experimental animals.
Other Studies: The only adverse effect noted from occupational exposures have been mild nasal irritation with exposure to high dust levels and hypertension.

Carcinogenicity/Other Information: CAS# 15630-89-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 497-19-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7647-14-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information: Environmental: Not regulated.
Physical: No information available.
Other: Do not empty into drains.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated.
DOT Hazard Class: NA None
UN/NA Number: None

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
15630-89-4	Disodium carbonate, compound with hydrogen peroxide (2:3) {Sodium percarbonate; Sodium carbonate peroxyhydrate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. Other Information

Revision Date: 06/11/2014
Preparer Name: Regulatory Affairs

Additional Information About

This Product:

Company Policy or Disclaimer:

The information contained in this Material Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.