

SAFETY DATA SHEET



Date Prepared : 06/02/2016

MSDS No : 9816

PEROXIGEN

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PEROXIGEN

MANUFACTURER

Distributed by Tarr, LLC

P.O. Box 12570

Portland, OR 97212

Product Stewardship: 503-288-5294

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation) :(800) 424 - 9300

CANUTEC (Canadian Transportation) :(613) 996 - 6666

2. HAZARDS IDENTIFICATION

GHS LABEL

NOT CLASSIFIED AS OSHA HAZARDOUS

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.

SKIN: May cause irritation to skin. Symptoms include redness, itching, and pain. May be absorbed through the skin with possible systemic effects.

COMMENTS: No ingredients are hazardous according to OSHA criteria.

No components need to be disclosed according to applicable regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Vol. %	CAS
Hydrogen peroxide	0 - 7	7722-84-1
Water	93 - 100	7732-18-5

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open or until all material has been removed. Get medical attention without delay, preferably from an ophthalmologist.

SKIN: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Thoroughly wash or discard clothing and shoes before reuse.

INGESTION: If swallowed, do NOT induce vomiting. Have victim drink 8-10 ounces of water to dilute material in stomach. Get medical attention immediately. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen

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should be administered by qualified personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: None Expected.

FIRE FIGHTING PROCEDURES: Evacuate area and fight fire from a safe distance.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Never return spilled product into its original container. Never put spilled material into another container for disposal. Dilute with large amounts of water to a concentration of about 5% hydrogen peroxide; hold in diked area or pond until peroxide is completely decomposed or dispose of according to all relevant local, provincial, and federal laws.

7. HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling. Follow all SDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. Never use pressure to empty a container.

STORAGE: Store to avoid contact with incompatible materials, such as ordinary combustibles, flammable liquids, greases, and those materials, including other oxidizers, that could react with the oxidizer or catalyze its decomposition. Avoid exposure to direct sunlight and heat which will increase corrosion with many common materials. Store in a cool, dry place. Keep container closed when not in use. Avoid contamination of any kind. Hydrogen peroxide should NOT be stored in unvented containers or between closed valves. Risk of overpressure and bursting due to decomposition in confined spaces and pipes. Consult appropriate authorities regarding the storage requires for liquid oxidizers (i.e. NFPA 430).

COMMENTS: KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Do not pressurize or expose such containers to heat or flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	Type	EXPOSURE LIMITS		
			ppm	mg/m ³
Hydrogen peroxide	OSHA PEL	TWA	1 ppm	1.4 mg/m ³
		STEL	[1]	[1]
	ACGIH TLV	TWA	1 ppm	1.4 mg/m ³
		Supplier OEL	TWA	NL
		STEL	NL	NL

OSHA TABLE COMMENTS:

1. NL = Not Listed

ENGINEERING CONTROLS: Provide exhaust ventilation sufficient to keep the airborne concentration of this

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product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

SKIN: Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

PROTECTIVE CLOTHING: Where splashing is possible, wear impervious clothing and boots.

WORK HYGIENIC PRACTICES: Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

OTHER USE PRECAUTIONS: To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29 CFR 1910.132) be conducted before using this product. Completely submerge hydrogen peroxide contaminated clothing or other materials in water prior to drying. Residual hydrogen peroxide, if allowed to dry on materials such as paper, fabrics, cotton, leather, wood or other combustibles can cause the material to ignite and result in a fire.

COMMENTS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Odorless.

APPEARANCE: Colorless liquid.

pH: ~ 7

FLASHPOINT AND METHOD: Not Applicable

FLAMMABLE LIMITS: 0 to 0

AUTOIGNITION TEMPERATURE: Not Applicable

BOILING POINT: 100°C

FREEZING POINT: 0°C

DENSITY: 1.0 g/cm³

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

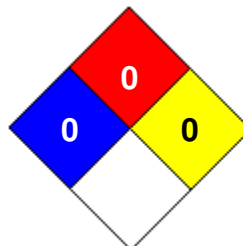
STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Excessive heat, contamination of any kind.

11. TOXICOLOGICAL INFORMATION

COMMENTS: None identified.

12. ECOLOGICAL INFORMATION

PEROXIGEN**COMMENTS:** No data available.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Dispose of waste material according to local, State, Federal, and Provincial Environmental Regulations.**EMPTY CONTAINER:** KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous.**RCRA/EPA WASTE INFORMATION:** 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. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** NOT DOT REGULATED**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No**313 REPORTABLE INGREDIENTS:** To the best of our knowledge, this product is not listed as a toxic chemical under Section 313 of SARA Title III.**302/304 EMERGENCY PLANNING****EMERGENCY PLAN:** To the best of our knowledge, this product is not listed as an extremely hazardous substance.**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA REGULATORY:** All components of this product are on the TSCA inventory or are exempt from TSCA Inventory requirements under CFR 40 CFR 720.30.**16. OTHER INFORMATION****APPROVED BY:** Compliance**PREPARED BY:** Compliance **Date Prepared:** 06/02/2016**NFPA CODES****NFPA STORAGE CLASSIFICATION:** These ratings are part of a specific hazard communication program and

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should be disregarded where individuals are not trained in the use of this hazard rating system. You should be familiar with the hazard communication programs applicable to your workplace.

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