



SAFETY DATA SHEET

Issued Date: 3/26/2015

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Revision: B

Section 1 : Chemical Product and Company Identification.

1.1 Product Identifier:

Product Name: Hydrogen Peroxide

Product Code: 642006

Synonyms: Hydrogen peroxide, bleach product

1.2 Relevant Identified Uses:

Usage(s): Laundry brightener, cleaner concentrate

1.3 Supplier Info:

SANITARY MAINTENANCE & SUPPLY 8100 Hwy 64 E., Avon Park, FL 33825

1.4 Emergency Phone Info:

For emergency and medical help line, call INFOTRAC at (800) 535-5053, 24 hours a day, 7 days a week. For information on all our products and/or SDS please contact PRIDE customer service at 813-890-6557.

Section 2 : Hazards Identification.

2.1 Classification of substance or mixture

- ➔ Serious Eye Damage/Eye Irritation - Category 1
- ➔ Specific Target Organ Toxicity (Repeated Exposure) - Category 2

2.2 Labeling Elements



GHS05



GHS08

Physical Description: Water clear, mild odor.

Signal Word: **Danger**

Hazard Statements

Hazard

- ➔ H318 | Causes serious eye damage
- ➔ H373 | May cause damage to organs through prolonged or repeated exposure

Prevention

- ➔ P260 | Do not breathe dust/fume/gas/mist/vapours/spray. Manufacturer/supplier or the competent authority to specify applicable conditions.
- ➔ P280 | Wear protective gloves/ protective clothing/eye protection/face protection - Specify face protection. Manufacturer/supplier or the competent authority to specify type of equipment.

Response

- ➔ P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- ➔ P310 | Immediately call a POISON CENTER/doctor/... .. manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.
- ➔ P314 | Get medical advice/attention if you feel unwell

Disposal

- ➔ P501 | Dispose of contents/container to... .. in accordance with local/regional/national/international regulation (to be specified).

2.3 Other Hazards:

None

Section 3 : Composition/Information On Ingredients.

3.1 Substances

Common Names: Aqueous solution

Ingredient Name	CAS	Percent
Hydrogen Peroxide	7722-84-1	7.5 %
Water	7732-18-5	92.5 %

Section 4 : First Aid Measures.

4.1 Description of First Aid Measures:

Inhalation: Remove to fresh air. Seek immediate medical attention.

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Continue rinsing. Get medical attention immediately.

Skin: Wash affected area with soap and water. Seek medical attention if irritation develops and persists.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed:

Inhalation: Irritation of the upper respiratory tract.

Eyes: Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. permanent eye damage including blindness could result. Prolonged exposure may cause chronic effects.

Skin: Sometimes whitening of skin and itching.

Ingestion: Irritating to digestive tract. May cause gastric distress, severe stomach pains, sore throat or vomiting.

Section 5 : Fire Fighting Measures.

5.1 Extinguishing Media:

Water, water fog.

5.2 Specific Hazards Arising from the Chemical:

Hydrogen peroxide itself is non flammable. Contact with clothing and combustibles may cause fire. On decomposition in contact with contaminants releases oxygen which may intensify fire. The decomposition of hydrogen peroxide will release oxygen gas, which will increase the explosive limits and burning rate of flammable vapors.

5.3 Special Protective Actions for Fire-Fighters:

Wear protective clothing including self-contained breathing apparatus.

Section 6 : Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Personnel should wear proper protective equipment in accordance with HAZMAT specifications.

6.2 Environmental Precautions:

Drain to a chemical sewer or wastewater treatment plant.

6.3 Methods and Materials for Containment and Cleaning Up:

Flood area with water and drain to a chemical sewer or wastewater treatment plant. May be destroyed with sodium metabisulfite or sodium sulfite.

Section 7 : Handling And Storage

7.1 Precautions For Safe Handling:

Store in a ventilated, cool area. Product freezes at -15 degrees F. Do not get in eyes. Avoid contact with sun and clothing. Avoid contact with flammable or combustible materials. Product should be kept in original containers until ready to use avoid any contamination. Never return unused hydrogen peroxide to the original containers.

Hygiene Advice: Do not eat or smoke around chemical.

Section 8 : Exposure Controls And Personal Protection

8.1 Control Parameters:

Ingredient Name	CAS	OSHA	ACGIH
Hydrogen Peroxide	7722-84-1	PEL: 1 ppm STEL: Not Established	PEL: 1 ppm STEL: Not Established
Water	7732-18-5	Not Established	Not Established

8.2 Engineering Controls:

Good local and general ventilation to keep peroxide concentration below exposure limits.

8.3 Protection Measures:

- **Individual Protection Measures:** Wear protective clothing to prevent repeated or prolonged contact with product. Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the representative supplier.
 - **Hygiene Measures:** Facilities storing or using this material should be equipped with an eyewash station and safety shower. Change contaminated clothing. Preventive skin protection is recommended. Wash hands thoroughly after use, before eating, drinking or using the lavatory and at the end of the workday.
 - **Eye/face Protection:** Wear tightly fitting protective goggles and a face shield (8-inch minimum). refer to 29 CFR 1910.133, ANSI Z87.1 or European Standard EN 166.
 - **Hand Protection:** Wear gloves recommended by glove supplier for protection against materials in section 3. Gloves must be inspected prior to use. Gloves should be impermeable to chemicals and oil. Breakthrough time of selected gloves must be greater than the intended use period. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.
 - **Other Protective Equipment:** Wear impervious, protective chemical resistant clothing including boots, gloves, lab coat, apron or coveralls as appropriate to the situation to prevent skin contact.
 - **Respiratory Protection:** Always use an approved respirator when vapor/aerosols are generated. Where risk assessment shows air-purifying respirators are appropriate use a full-faced respirator with multi-purpose combination.
- Environmental Exposure Controls:** Do not empty into drains.

Section 9 : Physical And Chemical Properties

9.1: Information on Basic Physical and Chemical Properties

Appearance:	Water clear
Odor:	mild
OdorThreshold:	Not Available
PH:	5.25 - 6.5
Melting_FreezingPoint:	20 Degrees F
InitialBoilingPoint:	> 210 degrees F / > 100 degrees C
FlashPoint:	Not determined
EvaporationPoint:	Butyl Acetate = 1) > 0.23
Flammability_Solid_Gas:	Not determined
LowerExplosiveLimit:	Not determined
UpperExplosiveLimit:	Not determined
VaporPressure:	68 degrees F / 20 degrees C 18 mmHg
VaporDensity:	Air = 1): 0.2
RelativeDensity:	Not determined
Solubility:	Complete
Partition Coefficient: n-octanol/water:	Not determined
AutoIgnitionTemp:	Not determined
DecompositionTemp:	Not determined
Viscosity:	< 10

Section 10 : Stability And Reactivity

10.1 Reactivity:

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical Stability:

Stable under normal condition.

10.3 Possibility of Hazardous Reactions:

Will not occur under normal condition.

10.4 Conditions to Avoid:

Contact with incompatible materials.

10.5 Incompatible Materials:

Strong oxidizing agents.

10.6 Hazardous Decomposition Position:

No hazardous decomposition products are known.

Section 11 : Toxicological Information

Information on likely routes of exposure

Inhalation: May cause damage to organs through prolonged or repeated exposure by inhalation.

Skin Contact: No adverse effects due to skin contact are expected.

Eye Contact: Cause serious eye damage.

Ingestion: Expected to be a low ingestion hazard.

Section 12 : Ecological Information

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Section 13 : Disposal Considerations

Disposal is to be in accordance with all Federal, State, and Local regulations.

Section 14 : Transport Information

Proper DOT Shipping Name & Number

None...

Not Regulated

Section 15 : Regulatory Information

TSCA (Toxic Substance Control Act): All components of this product are listed on the TSCA inventory.

Section 16 : Other Information

Hazardous Material Information System (HMIS)

HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTION
3	0	0	F

Release Notes: Change % of Hydrogen peroxide to 7.5% and made the proper changes to all sections.

Prepared By: Regulatory Department; GL, DL

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For additional information, contact us.

Disclaimer:

Information contained in this SDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Manufacturer or Vendor in connection with the use of this information.