Safety Data Sheet

PEROXI-FRESH HYDROGEN PEROXIDE MOUTHWASH

Section 1. Identification

Product Identifier	PEROXI-FRESH HYDROGEN PEROXIDE MOUTHWASH
Synonyms	MDS096064HP; MDS096065HP ; MSD_SDS0081
Manufacturer Stock Numbers	MDS096064HP; MDS096065HP
Recommended use	Mouthwash.
Uses advised against	Use only as directed.

Manufacturer Contact Address

Medline Industries, Inc.
3 Lakes Drive
Northfield, IL, 60093
USA

Phone	Emergency Phone	Fax
(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436

Website
www.Medline.com

Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 2B
Signal Word	Warning
Pictogram	
Hazard Statements	Causes eye irritation
Precautionary Statements	
Response	If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Prevention	Wash hands thoroughly after handling.
Storage	N/A
Disposal	N/A

Ingredients of unknown toxicity	N.D.

Other Hazards not Contributing to the Classification:	This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure. For consumer use, all required precautionary and first aid language is provided on the product label in accordance with the applicable government regulations.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
7722-84-1	Hydrogen peroxide (H2O2)	1% - 3%
	Non-hazardous components*	>=95 %

* Chemical name, CAS-No. and/or exact concentration has been withheld as a trade secret.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

First-Aid Measures General:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Eye Contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin Contact:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Inhalation:	Assure fresh air breathing. Allow the victim to rest.
Ingestion	Rinse mouth. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed:	Symptoms/injuries After Eye Contact: Causes eye irritation.
Indication of any immediate medical attention and special treatment needed:	Treat symptomatically

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use foam. dry powder. carbon dioxide. water spray. sand.
Unsuitable Extinguishing Media	Do not use a heavy water stream.

Special hazards arising from the substance or mixture:	Reactivity: Stable at ambient temperature and under normal conditions of use.
Advice for firefighters:	Firefighting Instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	For non-emergency personnel: Emergency Procedures: Evacuate unnecessary personnel. For emergency responders: Protective Equipment: Equip cleanup crew with proper protection. Emergency Procedures: Ventilate area.
Environmental Precautions:	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
Methods and Materials for Containment and Cleaning up:	Methods for Cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Reference to other sections:	See Heading 8. Exposure controls and personal protection.

Section 7. Handling and Storage

Precautions for Safe Handling:	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
Conditions for Safe Storage, Including any Incompatibilities:	Storage Conditions: Keep only in the original container in a cool, well ventilated place away from: Strong acids, strong bases and oxidation agents. Keep container closed when not in use. Incompatible Products: Strong bases. Strong acids. Incompatible Materials: Sources of ignition. Direct sunlight. Storage Temperature: 5 - 30°C
Specific End use(s):	No additional information available.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Hydrogen peroxide (H2O2)	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m3 (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m3	N/A
	Non-hazardous components*	N/A	N/A	N/A

Personal Protective Equipment

Goggles, Gloves

Exposure Controls:

Appropriate Engineering Controls:
Ensure good ventilation of the work station.

Personal Protection Equipment:
Avoid all unnecessary exposure.

Hand Protection
Wear protective gloves.

Eyes Protection:
Chemical goggles or safety glasses.

Respiratory Protection:
Wear appropriate mask.

Other Information:
Do not eat, drink or smoke during use.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Clear/Colorless
Odor	Cinnamint
Odor Threshold	No data available
Solubility	Miscible in water
Partition coefficient Water/n-octanol	No data available
VOC%	N/A
Viscosity	No data available
Specific Gravity/density	8.34 lbs/gallon
Density lbs/Gal	1
Pounds per Cubic Foot	N/A
Flash Point	> 94°C
FP Method	No data available
pH	No data available
Melting Point	= 0°C

Boiling Point	= 100°C
Freezing Point	= 0 °C
LEL	N/A
UEL	N/A
Evaporation Rate	= 0.3
Flammability	No data available
Decomposition Temperature	No data available
Auto-ignition Temperature	No data available
Vapor Pressure	= 23.8 mm Hg @ 25°C
Vapor Density	No data available

Explosive Properties:	Not expected to be a fire/explosion hazard under normal conditions of use.
Other information:	No additional information available.

Section 10. Stability and Reactivity

Reactivity:	Stable at ambient temperature and under normal conditions of use.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	None under normal use.
Conditions to avoid:	Direct sunlight. Extremely high or low temperatures. Strong acids. Strong bases.
Incompatible Materials:	
Hazardous Decomposition or Byproducts:	Fumes, carbon monoxide, Carbon dioxide

Section 11. Toxicological Information

Information on Toxicological Effects:

Acute Toxicity:
Not classified.

Non-hazardous components
LD50 oral rat: > 90 ml/kg Food Research. Vol. 21, Pg, 348, 1956.

Hydrogen Peroxide CAS-No. 7722-84-1
LD50 oral rat: 1193 mg/kg body weight (Rat; OECD 401: Acute Oral Toxicity; Experimental value; 1270 mg/kg bodyweight; Rat; OECD 41: Acute Oral Toxicity; Experimental Value; 1026 mg/kg bodyweight; Aqueous solution; Rat;

	Experimental value; 694 mg/kg bodyweight; Aqueous solution; Rat; Experimental value) LD50 dermal rabbit: > 2000 mg/kg body weight (Rabbit; Experimental value; Other) ATE US (Oral): 1193.000 mg/kg body weight ATE US (gases): 4500.000 ppmV/4h ATE US (vapors): 11.000 mg/l/4h ATE US (dust, mist): 1.500 mg/l/4h
Skin corrosion/irritation:	Not classified.
Serious Eye Damage/Eye irritation:	Causes eye irritation.
Respiratory/Skin Sensitization:	Not classified.
Germ cell Mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
IARC Group: 3 - Not classifiable	Hydrogen Peroxide CAS-No. 7722-84-1
Reproductive Toxicity:	Not classified.
Specific Target Organ Toxicity - Single exposure:	Not classified.
Specific Target Organ Toxicity - Repeated exposure:	Not classified.
Aspiration hazard:	Not classified.

Section 12. Ecological Information

Toxicity:	Hydrogen Peroxide CAS-No. 7722-84-1 LC50 fish 1: 164 mg/l (96 h; Pimephales promelas) Threshold limit algae 1: 63 mg/l (72 h; Skeletonema costatum; Growth rate) Threshold limit algae 2: 138 mg/l (72 h; Skeletonema costatum; Growth rate)
Persistence and degradability:	Peroxi-Fresh Hydrogen Peroxide Mouthwash Persistence and degradability: Not established. Hydrogen Peroxide CAS-No. 7722-84-1 Persistence and degradability: Readily biodegradable in water. Readily biodegradable in the soil. No (test) data on mobility of the components available.

Bioaccumulative potential:	Peroxi-Fresh Hydrogen Peroxide Mouthwash Bioaccumulative potential: Not established. Hydrogen Peroxide CAS-No. 7722-84-1 Bioaccumulative potential: Not bioaccumulative.
Mobility in soil:	No additional information available.

Section 13. Disposal

Waste Treatment Methods:	Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Ecology - waste materials: Avoid release to the environment.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Regulated
DOT Classification	Not Regulated
Packing Group	Not Regulated

Section 15. Regulatory Information

SARA 311/312:	Refer to Section 2 of the SDS.
SARA 302:	N.A.
SARA 304:	N.A.
SARA 313:	N.A.
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
State Regulations:	N.A.

Section 16. Other Information

Revision Date	11/3/2017
Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined
HMIS (U.S.A.): Health Hazard	1

HMIS (U.S.A.): Flammability	O
HMIS (U.S.A.): Physical Hazard	O
National Fire Protection Association (U.S.A): Health Hazard	1
National Fire Protection Association (U.S.A): Flammability	O
National Fire Protection Association (U.S.A): Reactivity	O
Additional Information	The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees