



# Safety Data Sheet

## Multi-Surface Peroxide

### Section 1. Identification

Product Identifier	Multi-Surface Peroxide		
Synonyms	EVSCHM230; MSD_SDS0287		
Manufacturer Stock Numbers	EVSCHM230		
Recommended use	Multi hard surface & carpet cleaner.		
Uses advised against	None known.		
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		
	<a href="http://www.Medline.com">www.Medline.com</a>		

### Section 2. Hazards Identification

Classification	ACUTE TOXICITY - DERMAL - Category N/A ACUTE TOXICITY - INHALATION - Category N/A ACUTE TOXICITY - ORAL - Category N/A SERIOUS EYE DAMAGE /EYE IRRITATION - Category 2A SKIN CORROSION/IRRITATION - Category N/A
Signal Word	Warning

Pictogram



Hazard Statements Causes serious 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.  
Wear safety glasses with side shields (or goggles).

Storage

Store away from incompatible materials. Keep out of the reach of children.

Disposal

Dispose of waste and residues in accordance with local authority requirements.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

None known.

Supplemental Information: None known.

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
7722-84-1	Hydrogen peroxide	3% - 8%
	Biodegradable Surfactant 2*	1% - 5%
	Biodegradable Surfactant 1*	1% - 5%

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

### Section 4. First-Aid Measures

**Inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin Contact:** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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

**Most important symptoms/effects, acute and delayed:** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Indication of any immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General Information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

Unsuitable Extinguishing Media None known.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed.

Special Protective Equipment and Precautions for Fire-Fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions: Move containers from fire area if you can do so without risk.

Specific Methods: Use standard firefighting procedures and consider the hazards of other involved materials.

General Fire Hazards: No unusual fire or explosion hazards noted.

## Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of this SDS.

Methods and Materials for Containment and Cleaning up: Large Spills:  
Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills:  
Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental Precautions: Avoid discharge into drains, water courses or onto the ground.

## Section 7. Handling and Storage

Conditions for safe storage, including any incompatibilities: Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children.

Precautions for safe handling:

Do not mix with other chemicals. Avoid contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash thoroughly after handling. Observe good industrial hygiene practices.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Hydrogen peroxide	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup> (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m <sup>3</sup>	N/A
	Biodegradable Surfactant 2*	N/A	N/A	N/A
	Biodegradable Surfactant 1*	N/A	N/A	N/A

Personal Protective Equipment

Goggles

Appropriate engineering controls:

Provide eyewash station. Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Individual protection measures, such as personal protective equipment:

Eye/Face Protection:

Wear safety glasses with side shields (or goggles).

Skin Protection:

Hand Protection: Not normally needed. For prolonged or repeated skin contact use suitable protective gloves.

Respiratory Protection:

No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene Considerations:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colorless, Clear
Odor	Fresh floral fragrance added
Odor Threshold	Not available
Solubility	100%
Partition coefficient Water/n-octanol	Not available
VOC%	N/A
Viscosity	Water thin

Specific Gravity	1.03
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	None to Boiling
FP Method	N.D.
pH	4-6 (5-8 at 1:256 dilution)
Melting Point	32°F (0°C)
Boiling Point	212°F (100°C)
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	Not available
Flammability	Not applicable
Decomposition Temperature	Not available
Auto-ignition Temperature	Not available
Vapor Pressure	Not available
Vapor Density	Not available

Explosive Properties: Not explosive.  
Oxidizing Properties: Not oxidizing.  
VOC (Weight %): 0 % Less Exempts and Water

## Section 10. Stability and Reactivity

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

Chemical Stability: Material is stable under normal conditions.

Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Contact with incompatible materials. Do not mix with other chemicals. Do not mix with other chemicals.

Incompatible materials: Hydrogen peroxide can break down from contact with strong alkalies, bleach, iron oxides, inorganic acid chlorides, reducing agents, and aluminum.

Hazardous Decomposition or Byproducts: No hazardous decomposition products are known.

## Section 11. Toxicological Information

Information on likely routes of exposure: Inhalation:  
No adverse effects due to inhalation are expected. Prolonged inhalation may be harmful.

	<p>Skin contact: No adverse effects due to skin contact are expected.</p> <p>Eye contact: Causes serious eye irritation.</p> <p>Ingestion: Expected to be a low ingestion hazard.</p> <p>Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.</p>
Symptoms related to the physical, chemical and toxicological characteristics:	
Information on toxicological effects:	<p>Multi-Surface Peroxide</p> <p>LD50 Dermal Rabbit &gt;5000 mg/kg</p> <p>LC50 Inhalation Rat &gt;25 mg/l/4h Vapor</p> <p>LD50 Oral Rat &gt;5000 mg/kg</p>
Skin corrosion/irritation:	Health injuries are not known or expected under normal use.
Serious eye damage/Eye irritation:	Causes serious eye irritation.
Respiratory/Skin Sensitization:	<p>Respiratory Sensitization: Not a respiratory sensitizer.</p> <p>Skin Sensitization: This product is not expected to cause skin sensitization.</p>
Germ cell Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	<p>Not classifiable as to carcinogenicity to humans.</p> <p>IARC Monographs. Overall Evaluation of Carcinogenicity: Hydrogen peroxide (CAS 7722-84-1): 3 Not classifiable as to carcinogenicity to humans.</p> <p>US. National Toxicology Program (NTP) Report on Carcinogens: Not listed.</p> <p>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not regulated.</p>
Reproductive Toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific Target Organ Toxicity - Single Exposure:	Not classified.
Specific Target Organ Toxicity - Repeated Exposure:	Not classified.
Aspiration hazard:	Not an aspiration hazard.
Chronic Effects:	Prolonged inhalation may be harmful.
Toxicological information:	Meets GS-37 requirements for acute toxicity at the as-used dilution.

## 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 harmful or damaging effect on the environment.
Persistence and degradability:	Based on the biodegradability data of the components, this material is expected to be biodegradable.
Bioaccumulative potential:	This material does not contain chemicals that have known bioaccumulative potential.
Mobility in soil:	No data available.
Other adverse effects:	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### Section 13. Disposal

Disposal Instructions:	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional /national/international regulations.
Local disposal regulations:	Dispose in accordance with all applicable regulations.
Hazardous Waste Code:	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues/unused products:	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (see: Disposal instructions)
Contaminated packaging:	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Regulated
DOT Classification	Not Regulated
Packing Group	Not Regulated
DOT:	Not regulated as dangerous goods.
IATA:	Not regulated as dangerous goods.
IMDG:	Not regulated as dangerous goods.

### Section 15. Regulatory Information

SARA 311/312:	Refer to Section 2 of the SDS.
SARA 302:	Hydrogen Peroxide.
SARA 304:	Hydrogen Peroxide.
SARA 313:	N.A.
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	N.A.

Clean Air Act (CAA) Section N.A.  
112, 112 (r):

State Regulations: New Jersey Dept. of Health RTK:  
Hydrogen Peroxide

Pennsylvania RTK:  
Hydrogen Peroxide

Massachusetts RTK:  
Hydrogen Peroxide

## **Section 16. Other Information**

Revision Date 1/22/2019

Legend N.A. - Not Applicable  
N.E. - Not Established  
N.D. - Not Determined

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