



Safety Data Sheet

Multi-Surface Peroxide

Section 1. Identification

Product Identifier	Multi-Surface Peroxide		
Synonyms	EVSCHEM230; MSD_SDS0287		
Manufacturer Stock Numbers	EVSCHEM230		
Recommended use	Peroxide general cleaner. For industrial and institutional use.		
Uses advised against	N/A		
Manufacturer Contact Address	Medline 3 Lakes Drive Northfield, IL, 60093 US		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website www.Medline.com		

Section 2. Hazards Identification

Classification	SERIOUS EYE DAMAGE /EYE IRRITATION - Category 1 SKIN CORROSION/IRRITATION - Category 2
Signal Word	Danger
Pictogram	The pictogram area contains two red diamond-shaped hazard symbols. The first symbol shows a hand being splashed with liquid from a container, representing skin corrosion/irritation. The second symbol is a large black exclamation mark, representing a general hazard.

Hazard Statements	Causes serious eye damage Causes skin irritation
Precautionary Statements	
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Immediately call a POISON CENTER or doctor/physician. Specific treatment: Remove from exposure and treat symptoms. Take off contaminated clothing and wash it before reuse.
Prevention	Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves and eye protection/face protection.
Storage	N/A
Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
Unknown Acute Toxicity:	None known.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
34590-94-8	Dipropylene Glycol Monomethyl Ether	5% - 10%
7722-84-1	Hydrogen peroxide	1% - 5%
68439-46-3	Linear Primary Alcohol Ethoxylate	1% - 5%

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

Section 4. First-Aid Measures

Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove and discard contact lenses. Seek immediate medical attention/advice.
Skin contact:	Irritating to skin; may cause burns on extended contact. Immediately flush skin with running water for 15 minutes. If irritation persists, get medical attention.
Inhalation:	Accidental inhalation is not likely. Inhalation of concentrated vapors of this product may cause irritation or burns. If breathing becomes difficult, remove to fresh air. If discomfort persists, get medical attention.
Ingestion:	May be harmful if swallowed. Immediately drink large amounts of water and seek medical attention. Do NOT induce vomiting.
Most Important symptoms and effects:	Contact with eyes may cause damage. Prolonged or repeated contact may dry skin and cause irritation.
Indication of any immediate medical attention and special treatment needed:	Notes to physician: Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water spray (fog). Carbon dioxide (CO2). Dry chemical. Foam.
Unsuitable Extinguishing Media	N.D.
Specific Hazards Arising from the Chemical:	This product contains hydrogen peroxide which could accelerate burning when involved in a fire.
Protective equipment & precautions for firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:	Personal Precautions: Use personal protective equipment as required.
Methods and Material for Containment and Cleaning Up:	Environmental Precautions: Avoid release to the environment. Methods for Containment: Prevent further leakage or spillage if safe to do so. Methods for Clean-Up: Collect spillage. Collect in a clean, dry waste container for disposal. Dilute remaining residue with water.

Section 7. Handling and Storage

Precautions for Safe Handling:	Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray.
Conditions for Safe Storage, Including Any Incompatibilities:	Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children. Keep only in original container. Keep from freezing. Incompatible Materials: Strong acids, strong bases, metals, salts, organics, reducing agents, dust and dirt.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Dipropylene Glycol Monomethyl Ether	N/A	N/A	N/A
	Hydrogen peroxide	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m3< (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m3	N/A
	Linear Primary Alcohol Ethoxylate	N/A	N/A	N/A
Personal Protective Equipment	Goggles, Gloves			

Appropriate Engineering Controls: Ventilation systems. Eyewash stations. Showers.

Eye/Face Protection: Splash goggles or safety glasses.

Skin and Body Protection: Rubber, Nitrile, PVC, or other chemically resistant skin protection to prevent contact.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Conditions: Handle in accordance with good industrial hygiene and safety practice.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colorless, Clear
Odor	Mint
Odor Threshold	N.D.
Solubility	Completely soluble
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	< 50 cps
Specific Gravity	1.01
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.A.
FP Method	N.A.
pH	6.5-7.0
Melting Point	32°F (0°C)
Boiling Point	212°F (100°C)
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	N.A.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	N.D.

Section 10. Stability and Reactivity

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: None under normal processing.

Conditions to avoid: Keep out of reach of children. Keep from freezing.
Incompatible Materials: Strong acids, strong bases, metals, salts, organics, reducing agents, dust and dirt.
Hazardous Decomposition Products: Oxygen gas, carbon dioxide, carbon monoxide, hydrocarbons, or organic compounds may be formed during thermal decomposition.

Section 11. Toxicological Information

Information on Likely Routes of Exposure: Eye Contact: May cause eye damage.
Skin Contact: May cause skin irritation or rash.
Inhalation: Avoid breathing vapors or mists.
Ingestion: Do not taste or swallow.

Component Information: Dipropylene Glycol Monomethyl Ether CAS-No.34590-94-8
Oral LD50= 5180 mg/kg
Dermal LD50= 9500 mg/kg
Linear Primary Alcohol Ethoxylate CAS-No.68439-46-3
Oral LD50= 2000 mg/kg
Dermal LD50= 2000 mg/kg
Hydrogen Peroxide CAS-No.7722-84-1
Oral LD50= 1193 mg/kg
Dermal LD50= 2000 mg/kg

Information on physical, chemical and toxicological effects: Symptoms: Please see section 4 of this SDS for symptoms.

Carcinogenicity: Not classifiable as a human carcinogen.
Numerical measures of toxicity: N.D.
Unknown Acute Toxicity: None known.

Section 12. Ecological Information

Ecotoxicity: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Dipropylene Glycol Monomethyl Ether CAS-No. 34590-94-8
Algae/aquatic plants: > 969 mg/L (Green alga 96 hr)
Fish: > 1000 mg/L (fathead minnow 96hr)
Crustacea: 1919 mg/L (Daphnia 48hr)

Linear Primary Alcohol Ethoxylate CAS-No. 68439-46-3
Fish: 7.25 mg/L (96hr)

	Crustacea: 5.5 mg/L (Daphnia 48hr)
	Hydrogen Peroxide CAS-No. 7722-84-1
	Fish: 16.4 mg/L (fathead minnow 96hr)
	Crustacea: 2.4 mg/L (Daphnia 48hr)
Persistence and degradability:	N.D.
Bioaccumulation:	N.D.
Mobility:	N.D.
Other adverse effects:	N.D.

Section 13. Disposal

Waste Treatment Methods: Disposal of Wastes:
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging:
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14. Transport Information

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

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 112, 112 (r):	N.A.
New Jersey Right to Know Components:	DIPROPYLENE GLYCOL METHYL ETHER. HYDROGEN PEROXIDE.
Pennsylvania Right to Know Components:	PROPANOL, (2-METHOXYMETHYLETHOXY)-. HYDROGEN PEROXIDE.

Rhode Island Right to Know Components: Dipropylene glycol methyl ether.
Massachusetts Right to Know Components: HYDROGEN PEROXIDE.

Section 16. Other Information

Revision Date 10/16/2024

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

HMIS (U.S.A.): Health Hazard 3

HMIS (U.S.A.): Flammability 0

HMIS (U.S.A.): Physical Hazard 1

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