Safety Data Sheet

3% U.S.P HYDROGEN PEROXIDE

Section 1. Identification

Product Identifier	3% U.S.P HYDROGEN PEROXIDE
Synonyms	MDS098001Z ; MDS098001H ; HDX10 ; HDX11; MDS098014 ; MDS098015; MDS098002; MSD0052
Manufacturer Stock Numbers	MDS098001Z ; MDS098001H ; HDX10 ; HDX11; MDS098014 ; MDS098015; MDS098002
Recommended use	N/A
Uses advised against	N/A

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

ACUTE TOXICITY - DERMAL - Category 5
ACUTE TOXICITY - ORAL - Category 5
EYE DAMAGE/IRRITATION - Category 2B
SENSITIZATION - SKIN - Category 1B

Signal Word: Warning

Pictogram



Hazard Statements

Causes eye irritation
May be harmful if swallowed
May be harmful in contact with skin

	May cause an allergic skin reaction
Precautionary Statements	
Response	Call a poison center/doctor if you feel unwell. 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. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Prevention	Avoid breathing dust/fume/gas/mist/ vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wash affected area thoroughly after handling. Wear protective gloves.
Storage	N/A
Disposal	Dispose of contents/container to an approved waste disposal plant.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
	No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
7722-84-1	Hydrogen peroxide (H2O2)	3 %

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

Section 4. First-Aid Measures

General Advice:	Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Eye Contact:	Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses, if worn. If irritation persists, seek medical attention.
Skin Contact:	Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation develops or persists, get medical attention. Wash with soap and water. Do not apply oils or ointments unless ordered by the physician.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
Ingestion:	If swallowed, call a physician immediately. Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use Water spray, Carbon Dioxide (CO2), Foam, Dry Chemical
Unsuitable Extinguishing Media	N.D.
Unusual Fire and Explosion Hazards:	N.D.
Special Fire Fighting Procedures:	Self contained breathing apparatus and full protective clothing recommended.

Section 6. Accidental Release Measures

Non-hazardous Small Spill:	Should be cleaned up at the time of the spill. Take all necessary precautions and wear any personal protective equipment that is applicable. Dispose of per local and state regulations.
Non-hazardous Large Spill:	Should be cleaned up at the time of the spill. May require special treatment, equipment and/or emergency assistance. Dispose of per local and state regulations.

Section 7. Handling and Storage

Handling Non-hazardous:	This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under nomal use conditions.
Storage Non-hazardous:	Store in original package. Discard unused portion. Do not reuse. No special storage conditions required.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Hydrogen peroxide (H2O2)	N/A	N/A	N/A

Personal Protective Equipment	Goggles, Gloves
Engineering Controls:	Ventilation: Local exhaust.
Respiratory Protection:	If vapor or mists are generated, wear a NIOSH/MSHA certified respirator that will protect against dust/mist.anic vapor/mist respirator.
Skin Protection:	Protective gloves: Rubber Protective gloves: Vinyl.
Eye Protection:	Wear chemical safety goggles while handling this product. Do not wear contact lenses. Wear additional eye protection such as face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.
Other protective equipment:	Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled, use appropriate protective clothing or equipment
Work/hygienic practices:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Clear colorless
Odor	No odor
Odor Threshold	N.D.
Solubility	Soluble
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	1.1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.A.
FP Method	N.A.
Ph	N.D.
Melting Point	N.A.
Boiling Point	21°F
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	> 1
Flammability	N.A.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	23 mmHg
Vapor Density	N/A

Section 10. Stability and Reactivity

Stability:	Stable.
Reactivity:	None
Incompatibility (Materials to Avoid):	Reducing agents.
Hazardous Decomposition or Byproducts	None
Hazardous Polymerization	N.D.
Conditions to avoid:	Keep away from heat.

Section 11. Toxicological Information

Acute Toxicity: Eye Contact	Contact may cause temporary moderate irritation
Acute Toxicity: Skin Contact	May cause mild irritation on patients with sensitive skin
Acute Toxicity: Inhalation	N.A.
Acute Toxicity: Ingestion	May be harmful if swallowed
Carcinogenicity:	None known
Chronic Toxicity:	None known

Section 12. Ecological Information

Toxicity:	N.D.
Persistence and degradability:	N.D.
Bioaccumulative potential:	N.D.
Mobility in soil:	N.D.
Other adverse effects:	N.D.

Section 13. Disposal

Waste Disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.

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:	N.A.
SARA 302:	N.A.
SARA 313:	N.A.
TSCA:	N.A.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	HYDROGEN PEROXIDE.
Massachusetts Right to Know Components:	HYDROGEN PEROXIDE.
Pennsylvania Right to Know Components:	HYDROGEN PEROXIDE.

Section 16. Other Information

Revision Date	01/12/2017
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.): Reactivity	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): Instability Hazard	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