



Product Identifier: Hydrogen Peroxide 7%
Revision Date: 07/01/2019

SAFETY DATA SHEET

This SDS complies with 29 CFR 1910.1200 (Hazard Communication Standard)
IMPORTANT: Read this SDS before handling & disposing of this product. Pass this information on to employees, customers, and users of this product.

1. Identification

1.1. Product identifier

Product Identity	Hydrogen Peroxide 7%
Alternate Names	Hydrogen Peroxide 7%
Product Code	940-13B

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use	Cleaner
Application Method	See Label Instructions.

1.3. Details of the supplier of the safety data sheet

Company Name	Diamond Products Inc. 1216 Bozeman Ave. Helena, MT 59601
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Emergency

24 hour Emergency Telephone No.	Infotrac: 1 800-535-5053 Emergency: (406) 449-6570
Customer Service: Diamond Products Inc.	(406) 449-6570

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin Corr. 2;H315	Causes skin irritation.
Eye Dam. 1;H318	Causes serious eye damage.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H315 Causes skin irritation.

H318 Causes serious eye damage.

[Prevention]:

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

[Response]:

P302+352: IF ON SKIN: Wash with plenty of water.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P332+313: If skin irritation occurs; Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Hydrogen Peroxide CAS Number: 7722-84-1	7	Oxidizing Liquids 2;H272 Skin Corr. 1B;H314 Eye Dam. 1;H318 STOT SE 3;H371	
Water CAS Number: 7732-18-5	Balance		

4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention.
Eyes	Immediately flush eyes with plenty of water holding the eyelids apart for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention
Skin	Take off immediately all contaminated clothing. Rinse skin with water/shower. Seek medical attention. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.
Ingestion	Irritating to digestive tract; may cause gastric distress, stomach pains, and vomiting. Promptly drink a large quantity of egg whites, gelatin solution, or (if these are not available) water; DO NOT induce vomiting; seek medical attention immediately.

5. Fire-fighting measures

5.1. Extinguishing media

Product is not flammable. Use water spray, foam, dry chemical powder, carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

During fire, gases hazardous to health may be formed.

Move containers from fire area if you can do so without risk.

5.3. Advice for fire-fighters

Firefighters should wear full protective clothing including self contained breathing apparatus. Use standard firefighting procedures and consider the hazards of other involved materials.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8 of the SDS.

6.2. Environmental precautions

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Neutralize spill with sodium bicarbonate or lime. Absorb spill with noncombustible absorbent material, then place in a suitable container for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7. Handling and storage

7.1. Precautions for safe handling

See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool, dry, well-ventilated area. Isolate from combustible material. Store in the dark. Store in vented containers. Keep away from incompatible materials (see section 10 for incompatibilities).

8. Exposure Controls/Personal Protection

Component	Exposure Limits	Basis	Entity
Hydrogen Peroxide	1ppm 1.4 mg/m ³	TLV	ACGIH
	1ppm 1.4 mg/m ³	PEL	OSHA
	1ppm 1.4 mg/m ³	REL	NIOSH

TWA: Time Weighted Average over 8 hours of work

TLA: Threshold Limit Value over 8 hours of work

REL: Recommended Exposure Limit

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes

IDLH: Immediately Dangerous to Life or Health

WEEL: Workplace Environmental Exposure Levels

CEIL: Ceiling

Personal Protection

Eyes	Wear chemical safety glasses with a face shield for splash protection.
Inhalation	Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.
Skin	Wear neoprene or nitrile gloves, apron and other protective clothing appropriate to the risk of exposure
Other	Not Available

Other Recommendations

Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling. Have supplies and equipment for neutralization and running water available.

9. Physical and chemical properties

Appearance	Clear, colorless liquid
Odor	No Odor
Odor Threshold	Not Applicable
pH	Not Available
Melting point/freezing point	Not Available
Initial boiling point and boiling range	Not Available
Flash point	Not Flammable
Evaporation rate	Not Available

Flammability (solid, gas)	Not Flammable
Upper/lower flammability or explosive limit	Not Explosive
Vapor pressure	Not Available
Vapor density	Not available
Specific gravity	1.02 (water=1)
Solubility(ies)	Completely soluble in water
Partition coefficient n-octanol/water	Not Available
Auto-ignition temperature	Not Applicable
Decomposition temperature	Not Available

10. Stability and reactivity

Chemical Stability	Stable
Possibility of Hazardous Reactions	Will not occur
Conditions to Avoid	Store out of direct light
Incompatible Materials	Brass, copper, powdered metals, iron and iron salts, combustible materials
Hazardous Decomposition Products	Not Available

11. Toxicological information

Acute toxicity

Hydrogen Peroxide

Skin	LD50 Dermal – rat- 4060 mg/kg
Eyes	Not Available
Respiratory	LC50 Vapor – rat- 2000 mg/m – 4 hours
Ingestion	LD50 Oral – mouse – 2000 mg/kg

Carcinogenicity

IARC	3-Group 3: Not classifiable as to its carcinogenicity to humans (hydrogen peroxide).
ACGIH	A3: Confirmed animal carcinogen with unknown relevance to humans (hydrogen peroxide).
NTP	No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA	No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by OSHA..

Signs & Symptoms of Exposure

Skin	Redness, burning, itching and pain.
Eyes	Eye burns, pain, watering eyes.
Respiratory	Coughing, shortness of breath, burning, choking, coughing, wheezing, laryngitis, headache or nausea.
Ingestion	Causes irritation and pain.

Chronic Toxicity	Not Available
Teratogenicity	Not Available
Mutagenicity	Not Available
Embryotoxicity	Not Available
Specific Target Organ Toxicity	Not Available
Reproductive Toxicity	Not Available
Respiratory/Skin Sensitization	Not Available

12. Ecological information

Ecotoxicity

Hydrogen Peroxide

Aquatic Vertebrate	Not Available
Aquatic Invertebrate	Not Available
Terrestrial	Not Available
Persistence and Degradability	Not Available
Bioaccumulative Potential	Not Available
Mobility in Soil	Not Available
PBT and vPvB Assessment	Not Available
Other Adverse Effects	Not Available

13. Disposal considerations

Waste Product or Residues	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product or residue.
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Product Containers	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product or residue.
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The information offered in section 13 is for the product as shipped. Use and/or alterations to the product may significantly change the characteristics of the material and alter the waste classification and proper disposal methods.

14. Transport information

US DOT	Not Dangerous Goods
TDG	Not Dangerous Goods
IMDG	Not Dangerous Goods
Marine Pollutant	No
IATA/ICAO	Not Dangerous Goods

15. Regulatory information

TSCA Inventory Status	All Ingredients are listed on the TSCA inventory.
DSCL (EEC)	All ingredients are listed on the DSCL inventory.
California Proposition 65	Not Listed
SARA 302	Listed: Hydrogen Peroxide
SARA 304	Listed: Hydrogen Peroxide
SARA 311	Acute Health Hazard
SARA 312	Acute Health Hazard
SARA 313	Listed: Hydrogen Peroxide
WHMIS Canada	Not Listed

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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