

# Prima HP10

# SAFETY DATA SHEET

Preparation Date: 12-Nov-2019

Revision Date: 12-Nov-2019

Revision Number: 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product Identifier

Product Name Prima HP10

### Other means of identification

Item#: 1316

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended use Teat Dip

Uses advised against All other

### Details of the supplier of the safety data sheet

Supplier DeLaval Manufacturing  
11100 N. Congress Ave.  
Kansas City, MO 64153  
Tel: 816-891-7700, 8am – 5pm M-F

### Emergency Telephone Number

Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

### OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Label Elements

#### Emergency Overview

**Appearance** Orange Clear

**Physical state** Liquid

**Odor** Faint chemical smell

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Glycerol	56-81-5	10
Hydrogen peroxide	7722-84-1	.5

If a concentration range is shown, the exact concentration has been withheld as a trade secret.

## 4. FIRST AID MEASURES

### Description of first-aid measures

**Eye contact** Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, get

medical advice/attention.

**Skin contact**

Wash off with plenty of water.

**Inhalation**

Move to fresh air. Get medical attention immediately if symptoms occur.

**Ingestion**

Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Center immediately.

**Most important symptoms and effects, both acute and delayed**

According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

No information available.

**Specific hazards arising from the chemical**

No information available.

**Sensitivity to static discharge**    None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA**

**Health hazards** 1

**Flammability** 0

**Instability** 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Avoid contact with eyes.

**Environmental Precautions**

Should not be released into the environment.

**Methods and material for containment and cleaning up**

Take up mechanically and collect in suitable container for disposal.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling****Handling**

Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities****Storage**

Keep containers tightly closed in a cool, well-ventilated place.

**Incompatible Materials**

oxidizing agents, strong acids, strong bases

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerol 56-81-5		TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> TWA: 15 mg/m <sup>3</sup>	-
Hydrogen peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	75 ppm

IDLH: Immediately Dangerous to Life or Health

**Appropriate engineering controls**

**Engineering Controls** Ensure adequate ventilation.

**Individual protection measures, such as personal protective equipment**

- Eye/face Protection** Safety glasses with side-shields.
- Skin and body protection** Wear protective gloves and protective clothing.
- Respiratory Protection** In case of inadequate ventilation wear respiratory protection.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Faint chemical smell
<b>Appearance</b>	Orange Clear	<b>Odor Threshold</b>	No information available
<b>Property</b>	<b>Values</b>	<b>Remarks/ Method</b>	
<b>pH</b>	3.2 - 3.8		
<b>Melting point/freezing point</b>	No information available		
<b>Boiling Point/Range</b>	No information available		
<b>Flash Point</b>	No information available		
<b>Evaporation rate</b>	No information available		
<b>Flammability (solid, gas)</b>	Non flammable		
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit</b>	No information available		
<b>Lower flammability limit</b>	No information available		
<b>Vapor Pressure</b>	No information available		
<b>Vapor Density</b>	No information available		
<b>Specific Gravity</b>	1.029		
<b>Water Solubility</b>	soluble		
<b>Partition coefficient: n-octanol/water</b>	No information available		
<b>Autoignition Temperature</b>	No information available		
<b>Decomposition temperature</b>	No information available		
<b>Viscosity of Product</b>	No information available		
<b>Dynamic viscosity</b>	No information available		
<b>Other information</b>			
<b>Liquid Density</b>	1.029 g/mL		
<b>VOC Content</b>	11.686		

## 10. STABILITY AND REACTIVITY

### Reactivity

May react with other chemicals. Do not mix with other chemicals except as directed on label.

### Chemical Stability

Stable under normal conditions.

### Possibility of hazardous reactions

None known.

### Conditions to Avoid

Protect from contamination.

### Incompatible Materials

oxidizing agents, strong acids, strong bases

### Hazardous decomposition products

None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Eyes** Contact with eyes may cause irritation.  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** Product is not identified as a sensitizer according to OSHA regulations.  
**Mutagenic effects** Product is not identified as a mutagen according to OSHA regulations.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Hydrogen peroxide 7722-84-1	A3	Group 3	Not Listed	Not Listed

#### **Legend:**

ACGIH (American Conference of Governmental Industrial Hygienists)  
A3 - Confirmed animal carcinogen with unknown relevance to humans  
IARC (International Agency for Research on Cancer)  
Group 3 - Not classifiable

**Reproductive Effects** Product is not identified as having reproductive effects according to OSHA regulations.  
**STOT - single exposure** Product is not identified as having single target organ toxicity (single exposure) according to OSHA regulations.  
**STOT - repeated exposure** Product is not identified as having single target organ toxicity (repeated exposure) according to OSHA regulations.  
**Aspiration Hazard** Product is not identified as an aspiration hazard according to OSHA regulations.

### Numerical measures of toxicity

If available, toxicity values of individual components are shown below.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Glycerol 56-81-5	= 12600 mg/kg ( Rat )	21900 mg/kg ( Rat )	> 570 mg/m <sup>3</sup> ( Rat ) 1 h
Hydrogen peroxide 7722-84-1	= 1518 mg/kg ( Rat )	= 9200 mg/kg ( Rabbit )	= 2000 mg/m <sup>3</sup> ( Rat ) 4 h

11.5% of the mixture consists of ingredient(s) of unknown toxicity

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

If available, ecotoxicity values of individual components are shown below.

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Glycerol 56-81-5	No data available	51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static	No data available	500: 24 h Daphnia magna mg/L EC50
Hydrogen peroxide 7722-84-1	2.5: 72 h Chlorella vulgaris mg/L EC50	10.0 - 32.0: 96 h Oncorhynchus mykiss mg/L LC50 static 16.4: 96 h Pimephales promelas mg/L LC50 18 - 56: 96 h Lepomis macrochirus mg/L LC50 static	No data available	18 - 32: 48 h Daphnia magna mg/L EC50 Static 7.7: 24 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation/Accumulation**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Waste Disposal Method** Dispose of contents/container in accordance with local regulation.

**Contaminated Packaging** Clean container with water.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**15. REGULATORY INFORMATION**

**State Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Glycerol 56-81-5	X	X	X
Hydrogen peroxide 7722-84-1	X	X	X

**U.S. EPA Label information**

**EPA Pesticide registration number** Not applicable

**16. OTHER INFORMATION**

**Preparation Date:** 12-Nov-2019

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**Revision Note:** None

Not applicable

**Disclaimer**

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**End of SDS**