

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

PurWorld Technologies LLC
729 3rd Ave
Dallas, TX 75226

Product Information: 1-888-584-9997
Monday - Friday 10 am – 6 pm
Medical Emergency: Call: (800)-535-5053

TRADE NAME: TOUCH POINT

File number: 2DP10005

Product type: Surface Cleaner & Barrier Coating

2. COMPOSITION / HAZARDOUS INFORMATION ON INGREDIENTS

Ingredient Name	CAS #	CONCENTRATION
Water	7732-18-5	90-100%
Hydrogen peroxide	7722-84-1	1-5%
Dimethyloctadecyl[3-(trimethoxysilyl)propyl]ammonium chloride	27668-52-6	5-10%
Poly(oxy-1,2-ethanediyl), alpha.-undecyl-.omega.-hydroxy-	34398-01-1	1-3%

Formula contains items, between 3 and 8% which are considered to be a Trade Secret and are withheld in accordance with the provisions of 1910.1200 of title 29 of the US Code of Federal Regulations.

Other ingredients, however, are essentially non-hazardous.

3. HAZARDOUS IDENTIFICATION

NFPA SCALE	4=Extreme	3=High	2=Moderate	1=Slight	0=Insignificant
Health = 1	Physical Hazard = 0		Flammability = 0		Special = None

Eye Contact	Not considered eye irritant per OPPTS 870.2400
Skin Contact	Not considered skin irritant per OPPTS 870.2500
Inhalation	Not considered toxic by inhalation per OPPTS 870.1300
Ingestion	Not considered toxic by ingestion per OPPTS 870.1100

4. FIRST AID MEASURES

Eye Contact	In case of contact with eyes, flush immediately with water for 15 minutes.
Skin Contact	Wash skin with soap and water.
Inhalation	Remove patient from contamination area.
Ingestion	Clean mouth with water and afterwards drink plenty of water.

5. FIRE FIGHTING MEASURES

Fire Extinguisher Type:	Use media appropriate for surrounding material.
Fire Fighting Procedure:	Non applicable
Unusual fire or explosion hazards:	Not flammable

Flash Point	Non Existent
Auto Ignition Temp	Not applicable
Explosion Limits	Lower: Not applicable Upper: Not applicable
Hazardous combustion products	Carbon Oxides

6. ACCIDENTAL RELEASE MEASURES

Personal Safety Precautions	Avoid contact with eyes.
Environmental precautions	Prevent further leakage or spillage.
Clean-up methods	Soak up with inert absorbent material. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.
Storage	Keep containers tightly closed in a dry cool place

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen Peroxide	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m ³ TWA: 1 ppm	75ppm

Employers should complete an assessment of all workspaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Ventilation/Engineering Controls	Showers Eye wash stations
Respiratory Protection	OSHA approved respirators recommended.
Skin Protection	Solvent resistant protective gloves. Wash hands after using.
Eye Protection	Wear safety glasses or face shield, chemical goggles (if splashing is possible).
Ingestion	Do not ingest.
Other Protective Clothing	Normal apparel is sufficient.
Work/Hygienic Practices	Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Vapor density:	Not applicable
Color:	Clear	Flash point:	Not applicable
Odor:	Fresh	Flammable/Explosive limits - lower:	Not available
Odor Threshold:	Not available	Flammable/Explosive limits - upper:	Not available
pH:	4.0 @ 20 ° C	Auto ignition temperature:	Not applicable
Vapor pressure:	< 25, mm Hg	VOC Content:	3% (exempt)
Boiling point/range:	100 °C	Solubility in water:	Not available
Melting point/range:	Not determined	Specific gravity:	1.05

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Conditions to Avoid	None known based on information supplied.
Incompatible Materials	None known based on information supplied.
Hazardous Decomposition Products	None known based on information supplied.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGY INFORMATION & OCCUPATIONAL EXPOSURE STANDARDS

Acute toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hydrogen Peroxide	801 mg/kg (Rat)	2000mg/kg (Rabbit) 4060 mg/kg (Rat)	2mg/L (Rat) 4 h

Subchronic Toxicity (28 days)

Chronic Toxicity

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Hydrogen peroxide	A3			

Mutagenicity

Reproductive Toxicity This product does not contain any known reproductive hazards.

Target Organ Effects Eyes, Skin.

Endocrine Disruptor Info. None known

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Hydrogen peroxide	EC50 = 2.5 mg/L 72 h			EC50 = 7.7 mg/L 24h

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method This material is not a hazardous waste according to Federal regulations (40 CFR 261).

Contaminated Packaging Dispose of in accordance with local regulations.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Hydrogen peroxide	Not applicable as formulated

14. TRANSPORT INFORMATION

Can be shipped in any-sized-container – bottles or tank-trucks. Store in cool dry location.

DOT	Not regulated
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated
RID	Not regulated
ADR	Not regulated
ADN	Not regulated

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

TSCA	Complies
DSL	Complies
NDSL	Complies
EINECS	Complies
ELINCS	Complies
ENCS	Complies
CHINA	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

US FEDERAL REGULATIONS

SARA 313

Applicable is Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain chemicals which are subject to the reporting requirements of the Act and Title 40 of the code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQ's	Extremely Hazardous Substances RQ's
Hydrogen peroxide		Not applicable as formulated

Pesticide Information

CHEMICAL NAME	FIFRA – RESTRICTED USE	FIFRA – Pesticide Product Other ingredients	FIFRA – Listing of Pesticide Chemicals	California Pesticides Restricted Materials
Water		List 4A – Minimum Risk Inerts		
Hydrogen peroxide		List 3 – Unknown Toxicity	X	
Poly(oxy-1,2-ethanediyl), alpha.-undecyl-.omega.-hydroxy-		List 3 – Unknown Toxicity		

US STATE REGULATIONS

California Proposition 65

This product does not contain any Proposition 65 chemicals

US STATE Right-to-Know REGULATIONS

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Hydrogen peroxide	X	X	X		X

INTERNATIONAL REGULATIONS

Mexico - Grade

Chemical Name	Carcinogen Status	Exposure Limits
Hydrogen peroxide	A3	TWA: 1.5 mg/m ³ TWA: 1 ppm STEL: 3 mg/m ³ STEL: 2 ppm

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

DISCLAIMER:

The data contained herein are furnished for information only and are believed to be reliable. However, PurWorld Technologies does not assume responsibility for any results obtained by persons over whose methods Purworld has no control. It is the user's responsibility to determine the suitability of PurWorld Technologies products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of PurWorld Technologies products. In light of the foregoing, Purworld specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Purworld. PurWorld Technologies further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

Prepared by kb- 04.22.2020