

SAFETY DATA SHEET

Date Issued : 03/18/2021

SDS No : HP-180

HP 180 Complete RTU Hydrogen Peroxide Disinfectant Cleaner

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: HP 180 Complete RTU Hydrogen Peroxide Disinfectant Cleaner

GENERAL USE: Disinfectant, Cleaner, Mildewstat, Virucide

PRODUCT DESCRIPTION: Hydrogen Peroxide Disinfectant Cleaner

PRODUCT CODE: HP-180

CHEMICAL FAMILY: Hydrogen Peroxide Disinfectant Cleaner

MANUFACTURER

MISCO Products Corporation

1048 Stinson Drive

Reading, PA 19605

Emergency Phone: 610-926-4106

Customer Service: 800-548-4568

Transportation: 800-548-4568

EPA REG. NO.: 6836-385-8325

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEM-TEL (Medical and Transportation): 800-255-3924

POISON CONTROL CENTER (Medical): 800-222-1222

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS).

GHS LABEL

Based on available data, the classification criteria are not met. Handle in accordance with good industrial hygiene and safety practice. Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200.

PRECAUTIONARY STATEMENT(S)

Prevention:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P262: Do not get in eyes, on skin, or on clothing.

P270: Do not eat, drink or smoke when using this product.

P281: Use personal protective equipment as required.

Response:

P314: Get medical advice/attention if you feel unwell.

Storage:

P410+P403: Protect from sunlight. Store in a well-ventilated place.

P402+P404: Store in a dry place. Store in a closed container.

Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Hydrogen Peroxide	1 - 2.5	7722-84-1
Methanesulfonic acid	1 - 2.5	75-75-2
Phosphoric Acid	0.5 - 1	7664-38-2
Water	80 - 100	7732-18-5

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

SKIN: Remove contaminated clothing. Immediately flush with water followed by washing with mild soap. Seek medical attention.

INGESTION: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

INHALATION: Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE EFFECTS: Not Available

CHRONIC EFFECTS: Not Available

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Heating or fire can release toxic gas.

EXTINGUISHING MEDIA: Water Spray, alcohol-resistant foam, dry chemical

OTHER CONSIDERATIONS: Use water spray to cool unopened containers.

FIRE FIGHTING PROCEDURES: Keep fire exposed containers cool with water stream or mist.

FIRE FIGHTING EQUIPMENT: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid discharges into open waterways.

GENERAL PROCEDURES: Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

RELEASE NOTES: Contain and/or absorb spill, then place in a suitable container.

SPECIAL PROTECTIVE EQUIPMENT: Eye protection, rubber gloves, rubber boots to protect feet.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: No special requirements.

HANDLING: No special precautions required.

STORAGE: Keep container tightly closed. Keep in a well-ventilated place. Electrical installations/working materials must comply with the technological safety standards. To maintain product quality, do not store in heat or direct sunlight. Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
Hydrogen Peroxide	OSHA PEL	TWA	1	1.4
	ACGIH TLV	TWA	1	1.4
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Phosphoric Acid	OSHA PEL	TWA		1
	ACGIH TLV	TWA		1
		STEL		
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

ENGINEERING CONTROLS: No special requirements.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: A personal protection is not needed under normal and intended conditions.

SKIN: A personal protection is not needed under normal and intended conditions.

RESPIRATORY: A respirator is not needed under normal and intended conditions of product use.

PROTECTIVE CLOTHING: A personal protection is not needed under normal and intended conditions.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Fresh

ODOR THRESHOLD: Not yet Determined

COLOR: Clear

pH: 1.5

FLASH POINT AND METHOD: >100C (212F)

FLAMMABLE LIMITS: No data available to No data available

Notes: No data available.

AUTOIGNITION TEMPERATURE: Not yet Determined

VAPOR PRESSURE: Not yet Determined

VAPOR DENSITY: Not yet Determined

BOILING POINT: Not Available

FREEZING POINT: Not Available

MELTING POINT: Not Available

POUR POINT: Not Available

THERMAL DECOMPOSITION: Not yet Determined

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: Not Available

DENSITY: 8.46 at 20°C (68°F)

SPECIFIC GRAVITY: 1.014

VISCOSITY: Water thin.

(VOC): 0 % by weight

10. STABILITY AND REACTIVITY

REACTIVITY: No dangerous reaction known under conditions of normal use.

STABILITY: Stable under normal storage and use conditions.

CONDITIONS TO AVOID: Avoid excessive heat.

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions known under conditions of normal use.

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

INCOMPATIBLE MATERIALS: Strong acids. Strong basis. Strong oxidizing agents. Reducing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)
Hydrogen Peroxide	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)
Phosphoric Acid	~ 1530 mg/kg (rat)	~ 2740 mg/kg (rabbit)

DERMAL LD₅₀: > 5000 mg/kg Male and Female rats.

Notes: Method: US-EPA

GLP: Yes

ORAL LD₅₀: > 5000 mg/kg (rat)

Notes: Method: US-EPA

GLP: Yes

INHALATION LC₅₀: > 2.52 mg/kg Male and Female rats.

Notes: Exposure Time: 4h, Test atmosphere: dust/mist, Method: US-EPA, GLP: Yes, Assessment: The substance or mixture has no acute inhalation toxicity.

SKIN CORROSION/IRRITATION: No

SERIOUS EYE DAMAGE/IRRITATION: No

RESPIRATORY OR SKIN SENSITISATION: No

GERM CELL MUTAGENICITY: None known.

CARCINOGENICITY

Chemical Name	IARC Status
Hydrogen Peroxide	Group 3 - Not classifiable as to its carcinogenicity to Humans

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NOTES: No products were found.

REPRODUCTIVE TOXICITY: Not Available

STOT-SINGLE EXPOSURE: No

STOT-REPEATED EXPOSURE: None Expected.

ASPIRATION HAZARD: Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No products were found.
ECOTOXICOLOGICAL INFORMATION: No products were found.
BIOACCUMULATION/ACCUMULATION: No products were found.
AQUATIC TOXICITY (ACUTE): No products were found.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: NA = Not Applicable
PRIMARY HAZARD CLASS/DIVISION: None
PACKING GROUP: N/A

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: NA = Not Applicable
UN NUMBER: N/A
HAZARD CLASS: NA = Not Applicable
PACKING GROUP: N/A

AIR (ICAO/IATA)

SHIPPING NAME: NA = Not Applicable
UN/NA NUMBER: N/A
PRIMARY HAZARD CLASS/DIVISION: NA = Not Applicable
PACKING GROUP: N/A

VESSEL (IMO/IMDG)

SHIPPING NAME: NA = Not Applicable
UN/NA NUMBER: N/A
PRIMARY HAZARD CLASS/DIVISION: NA = Not Applicable
PACKING GROUP: N/A

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: None
311/312 PHYSICAL HAZARDS: None
313 REPORTABLE INGREDIENTS: No products were found.
302/304 EMERGENCY PLANNING

EMERGENCY PLAN: Hydrogen Peroxide (CAS# 7722-84-1)
THRESHOLD QUANTITY: 1000

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Orthophosphoric acid

Chemical Name	Wt. %	CERCLA RQ
Phosphoric Acid	0.5 - 1	5,000 lbs.

CERCLA RQ: * Calculated RQ exceeds reasonably attainable upper limit.

REPORTABLE SPILL QUANTITY: 5000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Methanesulfonic acid	75-75-2

CLEAN AIR ACT

40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: No products were found.

CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS): No products were found.

STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Hydrogen Peroxide	Massachusetts Right to Know Substance New Jersey Right To Know Substance New York Right to Know Substance Pennsylvania Right to Know Substance
Phosphoric Acid	Massachusetts Right to Know Substance New Jersey Right To Know Substance New York Right to Know Substance Pennsylvania Right to Know Substance Rhode Island Right to Know Substance

CALIFORNIA PROPOSITION 65: No listed substance

CLEAN WATER ACT: Orthophosphoric Acid, CAS# 7664-38-2

CARCINOGEN: No products were found.

16. OTHER INFORMATION

PREPARED BY: Regulatory Department

Date Prepared: 03/18/2021

HMIS RATING

HEALTH	<input type="text"/>	0
FLAMMABILITY	<input type="text"/>	0
PHYSICAL HAZARD	<input type="text"/>	0
PERSONAL PROTECTION	<input type="text"/>	

NFPA CODES

