



SAFETY DATA SHEET

Version 2

1. Identification of the Substance / Preparation and of the Company / Undertaking

Product Name: Aqua Hawk 375
Recommended Use Water treatment chemical
Company Name:
Hawkins, Inc., 2381 Rosegate, Roseville, MN 55113 (612-331-6910)

Emergency Telephone:
CHEMTREC (US): 1-800-424-9300

2. Hazards Identification

GHS - Classification

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 2
Chronic aquatic toxicity	Category 2



Signal Word: Danger

Hazard Statements:

- Harmful if swallowed
- Fatal if inhaled
- Toxic to aquatic life with long lasting effects

Physical Hazards

- None

Precautionary Statements:

- Do not breathe dust/fume/gas/mist/vapors/spray
- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Use only outdoors or in a well-ventilated area
- Avoid release to the environment
- Wear respiratory protection
- Store in a well-ventilated place. Keep container tightly closed
- Immediately call a POISON CENTER or doctor/physician
- Rinse mouth
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- Store locked up
- Dispose of contents/ container to an approved waste disposal plant
- Dispose of contents/container to industrial incineration plant
- Collect spillage

3. Composition / Information on Ingredients

Hazardous

Chemical Name	CAS No	Weight-%	EC No
Proprietary	-	< 5	Listed
Hydrogen peroxide	7722-84-1	< 8	231-765-0

Non-Hazardous

Chemical Name	CAS No	Weight-%	EC No
Water	7732-18-5	Balance	231-791-2

4. First Aid Measures

Eye Contact:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Skin Contact:	If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water.
Inhalation:	Move to fresh air. If symptoms persist, call a physician. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
Ingestion:	Clean mouth with water and drink afterwards plenty of water. Obtain medical attention.
Note to Physicians:	Treat symptomatically.

5. Fire-fighting Measures**Flammable Properties:**

Not considered to be a fire hazard, Concentrated hydrogen peroxide (30%) is a strong oxidizer, but this dilute product does not present that hazard

Explosive Properties:

Not considered to be an explosion hazard, Drying of concentrated hydrogen peroxide on clothing or other combustible materials may cause fire or explosion

Suitable Extinguishing Media:

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

Unsuitable Extinguishing Media:

No information available

Protective Equipment and Precautions for Firefighters:

In the event of a fire, wear full protective clothing and MSHA/NIOSH (approved or equivalent) self-contained breathing apparatus with full facepiece operated in the pressure-demand or other positive pressure mode

6. Accidental Release Measures

Personal Precautions:	Use only with adequate ventilation.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Other Information:	Not applicable.

7. Handling and Storage

Advice on Safe Handling:	Avoid contact with skin, eyes or clothing. Use only with adequate ventilation.
Storage Conditions:	Keep away from any source of heat or ignition. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from incompatible substances. Keep from freezing.

Incompatible Materials: Strong reducing agents; Organic materials; Metals; Alkali

8. Exposure Controls / Personal Protection

Exposure Guidelines

Chemical Name		ACGIH TLV		OSHA PEL		Ontario TWA	
Hydrogen peroxide		TWA: 1 ppm		1 ppm TWA 1.4 mg/m³ TWA		TWA: 1 ppm	
Chemical Name	European Union	China	Japan	Korea	Australia	Taiwan	
Hydrogen peroxide		TWA: 1.5 mg/m³ STEL: 3.75 mg/m³		TWA: 1 ppm TWA: 1.5 mg/m³	1 ppm 1.4 mg/m³	TWA: 1 ppm TWA: 1.4 mg/m³	

Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Engineering Controls: Ensure adequate ventilation, especially in confined areas

Personal protective equipment (PPE)

Eye/Face Protection: Tight sealing safety goggles.

Body Protection: Suitable protective clothing.

General Hygiene Considerations:

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

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical State:	Liquid	Odor:	Odorless
Appearance:	No information available	Odor Threshold:	No information available
Color:	Clear Colorless		

Property	Values	Remarks • Method
pH:		No information available
"Salt Out" Point (°F):		No information available
Melting Point/Freezing Point:	0 °C / 32 °F	
Boiling Point/Boiling Range:	100 °C / 212 °F	
Flash Point:		No information available
Evaporation Rate (BuAc=1):		No information available
Flammability (solid, gas):		No information available
Flammability Limits in Air:		No information available
Upper Flammability Limit:		Lower Flammability Limit:
Vapor Pressure (mm Hg) :		No information available
Vapor density (Air =1)		No information available
Specific Gravity (H ₂ O=1):	1.025	
Specific Gravity (2nd value):		
Water Solubility:	Completely soluble	
Solubility(ies):		No information available
Partition Coefficient (n-octanol/water)		No information available
Autoignition Temperature:		No information available
Decomposition Temperature:		No information available
Kinematic Viscosity:		No information available
Dynamic Viscosity:		No information available
Oxidizing Properties:	No information available	
Explosive Properties:	Not considered to be an explosion hazard; Drying of concentrated hydrogen peroxide on clothing or other combustible materials may cause fire or explosion	

9.2. Other information

Softening Point:	No information available
Molecular Weight:	No information available
VOC Content(%):	No information available
Density:	No information available
Bulk Density:	No information available

10. Stability and Reactivity

Stability: Stable under normal conditions of use and storage

Conditions to Avoid: Incompatibles; Exposure to light; Heat

Incompatible Materials: Strong reducing agents, Organic materials, Metals, Alkali

Hazardous Decomposition Products: Oxygen

Possibility of Hazardous Reactions: None under normal processing

11. Toxicological Information**Product Information**

Acute Toxicity: 2.32% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document

Chemical Name	Oral LD ₅₀ :	Dermal LD ₅₀ :	LC ₅₀ (Lethal Concentration):
Proprietary	3 g/kg (Rat)		
Hydrogen peroxide	801 mg/kg (Rat)	2000 mg/kg (Rabbit) 4060 mg/kg (Rat)	2 mg/L (Rat) 4 h
Water	90 mL/kg (Rat)		

Chronic Toxicity:

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

Chemical Name	IARC
Hydrogen peroxide	3

IARC (International Agency for Research on Cancer)

Not classifiable as a human carcinogen

Target Organ Effects: Respiratory system, Eyes, Skin

12. Ecological Information**Ecotoxicity**

96.48% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Toxic to aquatic life with long lasting effects

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Proprietary		1516: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static	
Hydrogen peroxide	2.5: 72 h <i>Chlorella vulgaris</i> mg/L EC50	16.4: 96 h <i>Pimephales promelas</i> mg/L LC50 18 - 56: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 10.0 - 32.0: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static	7.7: 24 h <i>Daphnia magna</i> mg/L EC50 18 - 32: 48 h <i>Daphnia magna</i> mg/L EC50 Static

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Mobility:

No information available.

Chemical Name	Partition Coefficient:
Proprietary	-1.72

13. Disposal Considerations**Waste from Residues/Unused Products:**

Disposal should be in accordance with applicable regional, national and local laws and regulations

14. Transport Information**DOT**

Description

Not DOT Regulated

15. Regulatory Information**International Inventories**

All of the components in the product are on the following Inventory lists: Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP),

This product contains a substance not listed on international inventories - it is for research and development use only.

AICS	Complies
TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	-
IECSC	Complies
KECL	Complies
PICCS	Complies

Chemical Name	AICS	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS
Proprietary	Listed	Listed	Listed	-	Listed	-	Present	Listed	Present	Present
Hydrogen peroxide	Listed	Listed	Listed	-	Listed	-	(1)-419	Listed	KE-20204	Present
Water	Listed	Listed	Listed	-	Listed	-	-	Listed	KE-35400	Present

Inventory Legend**AICS** - Australian Inventory of Chemical Substances**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**RESTRICTIONS - REACH TITLE VII** No information available**US Federal Regulations****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	CERCLA Hazardous Substances and the Reportable Quantities	SARA Extremely Hazardous Substances EPCRA RQ	SARA Extremely Hazardous Substances TPQ
Hydrogen peroxide		1000 lb EPCRA RQ (concentration >52%)	1000 lb TPQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any 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	Yes
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	Yes

U.S. State Right-to-Know Regulations

California Proposition 65:

This product does not contain any Proposition 65 chemicals

16. Other Information

National Fire Protection Association (NFPA) Ratings



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Disclaimer:

Please be advised that it is your responsibility to inform your employees of the hazards of this substance, to advise them of what these properties mean and be sure they understand exposure information. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.

The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. No warranty or guaranty, express or implied, is made regarding performance, stability, or otherwise. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage. Other factors may require additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, the handling and use remains the responsibility of the consumer. No suggestions are intended as, and should not be constructed as, a recommendation to infringe on any existing patents or to violate any Federal, State, or local laws.

End of Safety Data Sheet