



SAFETY DATA SHEET

Version 1

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

Product Name: Aqua Hawk 6947
Synonyms: Cationic polymer
Company Name:
 Hawkins, Inc. 3100 E. Hennepin Avenue Minneapolis, MN 55413 (612-331-6910)

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

2. Hazards Identification

GHS - Classification

Acute aquatic toxicity	Category 3
------------------------	------------

Signal Word: None

Hazard Statements:

- Harmful to aquatic life

Physical Hazards

- None

Precautionary Statements:

- P273 - Avoid release to the environment
- P501 - Dispose of contents/ container to an approved waste disposal plant

3. Composition / Information on Ingredients

Hazardous

Chemical Name	CAS No	Weight-%	EC No
Cationic polymer in solution	-	100	-

4. First Aid Measures

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin Contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Inhalation: Move to fresh air. If symptoms persist, call a physician.

Ingestion: Clean mouth with water and drink afterwards plenty of water. If symptoms persist, call a physician.

Note to Physicians: Treat symptomatically.

5. Fire-fighting Measures

8892 Aqua Hawk 6947

Flammable Properties:
Not considered to be a fire hazard

Explosive Properties:
No information available

Suitable Extinguishing Media:
Water; Water spray (fog); Carbon dioxide (CO₂); Foam; Dry chemical

Unsuitable Extinguishing Media:
No information available

Specific Hazards Arising from the Chemical:
Spills produce extremely slippery surfaces

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: Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

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 containers tightly closed in a dry, cool and well-ventilated place. Keep away from any source of heat or ignition. Keep away from incompatible substances. Store at room temperature.

Incompatible Materials: Strong oxidizing agents

8. Exposure Controls / Personal Protection

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:

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

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

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH:	5.0	No information available
"Salt Out" Point (°F):		
Melting Point/Freezing Point:		
Boiling Point/Boiling Range:		
Flash Point:	> 100 °C / > 212 °F	
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):		No information available
Specific Gravity (2nd value):		No information available
Water Solubility:	Completely miscible	
Solubility(ies):		No information available
Partition Coefficient (n-octanol/water)		No information available
Autoignition Temperature:	200 °C / 392 °F	
Decomposition Temperature:		No information available
Kinematic Viscosity:		No information available
Dynamic Viscosity:		No information available
Oxidizing Properties:	No information available	
Explosive Properties:	No information available	
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:	Heat, flames and sparks
Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	Carbon oxides; Nitrogen oxides (NO _x); Emits toxic hydrogen chloride fumes when heated to decomposition
Possibility of Hazardous Reactions:	None under normal processing

11. Toxicological Information

Product Information

Acute Toxicity: 0% 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):
Cationic polymer in solution	> 2000 mg/kg		

Chronic Toxicity:

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

12. Ecological Information

Ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Cationic polymer in solution	<i>Algal inhibition tests are not appropriate. The flocculating characteristics of the product interfere directly in the test medium preventing homogenous distribution which invalidates the test.</i>	<i>Fish LC50/Danio rerio/96 hr > 10 - 100 mg/L (OECD 203)</i>	<i>EC50/Daphnia magna/48 hr > 50 mg/L (OECD 202)</i>

Persistence and Degradability:

No information available.

Bioaccumulation:

No information available.

Mobility:

No information available.

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

IATA

DOT

Description NA

TDG

MEX

15. Regulatory Information

International Inventories

All of the components in the product are on the following Inventory lists: No information available, This product contains a substance not listed on international inventories - it is for research and development use only.

AICS

-

TSCA

-

DSL/NDSL

-

EINECS/ELINCS

-

ENCS

-

8892 Aqua Hawk 6947

IECSC
KECL
PICCS

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, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

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	No

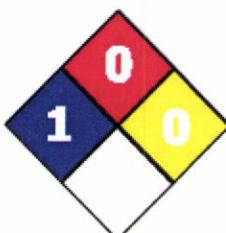
U.S. State Right-to-Know Regulations

California Proposition 65:

WARNING! This product contains a chemical known in the State of California to cause cancer

16. Other Information

National Fire Protection Association (NFPA) Ratings



Prepared By:

Adam Peterson, Rob Kelley, Andrew Morabu and Todd Bain from the HSE department.

8892 Aqua Hawk 6947

Issue Date: 09-Oct-2012

Revision Date: 09-Oct-2012

Revision Note: MSDS converted to GHS SDS Format.

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 construed as, a recommendation to infringe on any existing patents or to violate any Federal, State, or local laws.

End of Safety Data Sheet