



SAFETY DATA SHEET

Version 2

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

Product Name: Aqua Hawk 4007
Synonyms: Aqua Hawk 4007 Blend
Recommended Use Industrial, Manufacturing or Laboratory use.
Formula: Not applicable to mixtures
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
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Chronic aquatic toxicity	Category 2



Signal Word:

Warning

Hazard Statements:

- Harmful if swallowed
- Causes skin irritation
- Causes serious eye irritation
- Toxic to aquatic life with long lasting effects

Physical Hazards

Corrosive to metals	Category 1
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- May be corrosive to metals



Precautionary Statements:

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- Do not eat, drink or smoke when using this product
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth
- IF ON SKIN: Wash with plenty of soap and water
- If skin irritation occurs: Get medical advice/attention
- Take off contaminated clothing and wash before reuse
- Wash face, hands and any exposed skin thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists: Get medical advice/attention
- Dispose of contents/container to industrial incineration plant
- Avoid release to the environment
- Dispose of contents/ container to an approved waste disposal plant
- Collect spillage
- Immerse in cool water/wrap in wet bandages
- Absorb spillage to prevent material damage
- Store in corrosive resistant aluminum container with a resistant liner

3. Composition / Information on Ingredients

Hazardous

Chemical Name	CAS No	Weight-%	EC No
Trade Secret	-	45-47	Listed
Trade Secret	-	4-6	Not Listed

4. First Aid Measures

- General Advice:** If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
- Eye Contact:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
- Skin Contact:** Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
- Inhalation:** Move to fresh air. Obtain medical attention. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.
- Ingestion:** Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting.
- Note to Physicians:** Treat symptomatically.
- Self-protection of the First Aider:** Use personal protective equipment as required.

5. Fire-fighting Measures

Flammable Properties:

Not considered to be a fire hazard

Explosive Properties:

Not considered to be an explosion hazard

Suitable Extinguishing Media:

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

Unsuitable Extinguishing Media:

No information available

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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 entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

Methods for Cleaning Up: Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers.

Other Information: Not applicable.

7. Handling and Storage

Advice on Safe Handling: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

Incompatible Materials: Strong oxidizing agents; Alkali

8. Exposure Controls / Personal Protection

Exposure Guidelines

Chemical Name	ACGIH TLV		OSHA PEL		Ontario TWA	
Trade Secret			(vacated) TWA: 2 mg/m ³ Al Aluminum			
Chemical Name	European Union	China	Japan	Korea	Australia	Taiwan
Trade Secret				TWA: 2 mg/m ³	2 mg/m ³	

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:	Slight, Amine
Appearance:	Viscous	Odor Threshold:	No information available
Color:	Yellow To Amber		
Property	Values	Remarks • Method	
pH:	3.5	1 % solution	
"Salt Out" Point (°F):		No information available	
Melting Point/Freezing Point:	-15 °F / 5 °C		
Boiling Point/Boiling Range:	102 °C / 216 °C		
Flash Point:		No information available	
Evaporation Rate (BuAc=1):		No information available	

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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 (H₂O=1):	1.34
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

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
Incompatible Materials:	Strong oxidizing agents, Alkali
Hazardous Decomposition Products:	Nitrogen oxides (NO _x); Carbon dioxide (CO ₂); Carbon monoxide; Emits toxic hydrogen chloride fumes when heated to decomposition
Possibility of Hazardous Reactions: None under normal processing	

11. Toxicological Information

Product Information

Acute Toxicity:	5% of the mixture consists of ingredient(s) of unknown toxicity.
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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):
Trade Secret	1930 mg/kg (Rat)		
Trade Secret	>2000 mg/kg (Rat)		

Chronic Toxicity:

Carcinogenicity:	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP
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Target Organ Effects:	Respiratory system, Skin
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12. Ecological Information

Ecotoxicity

49% 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
Trade Secret		100: 96 h <i>Carassius auratus</i> mg/L LC50 37: 96 h <i>Gambusia affinis</i> mg/L LC50 static	136: 15 min <i>Daphnia magna</i> mg/L EC50, 38.2: 48h <i>Daphnia magna</i> mg/L LC50
Trade Secret		LC50 (96h): >10 mg/L (Fish)	EC50 (48h): >10mg/L (<i>Daphnia magna</i>) (under static conditions in the presence of 10mg/L humic acid)

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

DOT

Description Not DOT Regulated

15. Regulatory Information

International Inventories

All of the components in the product are on the following Inventory lists: TSCA (United States):, Canada (DSL/NDSL), Australia (AICS), South Korea (KECL):, China (IECSC), ENCS (Japan):, Philippines (PICCS),
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	-
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies

Chemical Name	AICS	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS
Trade Secret	Listed	Listed	Listed	-	Listed	-	(1)-25	Listed	KE-01042	Present
Trade Secret	Listed	Listed	Listed	-	-	-	(7)-1517	Listed	KE-13145	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

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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
Trade Secret	5000 lb 2270 kg	-	-

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

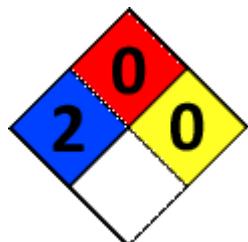
U.S. State Right-to-Know Regulations

California Proposition 65:

This product does not contain any Proposition 65 chemicals

16. Other Information

National Fire Protection Association (NFPA) Ratings



NSF/ANSI 60 Certification



Certified to
NSF/ANSI 60

Maximum Use (mg/L unless
otherwise indicated): 158

Prepared By: HSE Department

Issue Date: 10-Oct-2012

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Revision Note: Updated section(s) 3

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