



SAFETY DATA SHEET

Version 2

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

Product Name: Aqua Hawk 1121
Recommended Use: Flocculating agent
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

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3



Signal Word: Warning

Hazard Statements:

- Causes skin irritation
- May cause drowsiness or dizziness
- Harmful if swallowed
- Very toxic to aquatic life
- Causes serious eye irritation

Physical Hazards

- None

Precautionary Statements:

- Avoid breathing dust/fume/gas/mist/vapors/spray
- Wash skin thoroughly after handling
- Use only outdoors or in a well-ventilated area
- Wear protective gloves
- IF ON SKIN: Wash with plenty of soap and water
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- Call a POISON CENTER or doctor if you feel unwell
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If skin irritation occurs: Get medical advice/attention
- If eye irritation persists: Get medical advice/attention
- Take off contaminated clothing and wash before reuse
- Store in a well-ventilated place. Keep container tightly closed
- Store locked up
- Dispose of contents/ container to an approved waste disposal plant

3. Composition / Information on Ingredients

Hazardous

Chemical Name	CAS No	Weight-%	EC No
Aliphatic Hydrocarbon NJTS#254504001-5164	-	20 - 30 %	-
Surfactant NJTS#254504001-5466	-	1.5-5	-

4. First Aid Measures

General Advice:	Move victim to a safe isolated area. Immediately call a POISON CENTER or doctor/physician. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
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. Wash contaminated clothing before reuse.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
Ingestion:	Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.
Note to Physicians:	Treat symptomatically.

5. Fire-fighting Measures

Flammable Properties:
Combustible liquid

Explosive Properties:
No information available

Suitable Extinguishing Media:
Water spray

Unsuitable Extinguishing Media:
No information available

Specific Hazards Arising from the Chemical:

Thermal decomposition can lead to release of irritating and toxic gases and vapors, Do not allow run-off from fire-fighting to enter drains or water courses

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, Cool containers with flooding quantities of water until well after fire is out

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.

Incompatible Materials: Strong acids; Strong bases; Strong oxidizing agents; Strong reducing agents; Aluminum; Copper

8. Exposure Controls / Personal Protection

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWA
Aliphatic Hydrocarbon NJTS#254504001-5164	Time weighted average 200 mg/m ³ Non-aerosol	NIOSH Recommended exposure limit 100 mg/m ³	

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:	No information available
Appearance:	Viscous	Odor Threshold:	No information available
Color:	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH:		No information available
"Salt Out" Point (°F):		No information available
Melting Point/Freezing Point:		
Boiling Point/Boiling Range:		
Flash Point:	> 93.4 °C / > 200.1 °C	No information available
Evaporation Rate (BuAc=1):	< 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):	1.03	No information available
Specific Gravity (2nd value):		No information available
Water Solubility:	Soluble in water	
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:	>21.5 mm ² /s (20°C)	No information available
Dynamic Viscosity:	<4000 mPa.s (20 °C)	No information available
Oxidizing Properties:	No information available	
Explosive Properties:	No information available	

9.2. Other information

Softening Point: No information available

Molecular Weight: NA

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 acids, Strong bases, Strong oxidizing agents, Strong reducing agents, Aluminum, Copper

Hazardous Decomposition Products: Carbon dioxide (CO₂); Carbon monoxide; Hydrocarbons

Possibility of Hazardous Reactions: None under normal processing

11. Toxicological InformationProduct 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):
Aliphatic Hydrocarbon NJTS#254504001-5164	> 8,000 mg/kg (Rat)	> 4,000 mg/kg (Rabbit)	

Chronic Toxicity:

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

Target Organ Effects: Liver, Kidney

12. Ecological InformationEcotoxicity

No information available

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Aliphatic Hydrocarbon NJTS#254504001-5164		48h LC50: 11 mg/L (<i>Pimephales promelas</i>)	48h LC50: 1.75 mg/L (<i>Ceriodaphnia dubia</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

DOT

Description

Not DOT Regulated

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	-
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

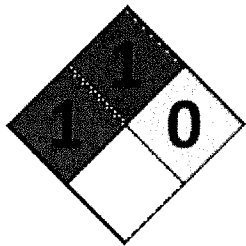
Acute health hazard	Yes
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

U.S. State Right-to-Know Regulations**California Proposition 65:**

This product contains the following Proposition 65 chemicals

16. Other Information

National Fire Protection Association (NFPA) Ratings



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Revision Note: Updated section(s) 1,2,3,4,5,9,10,11

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