SECTION 1: Identification

1.1 Product identifier

Product name: AquaClear Pellets
Product number: AC, 5AC
Brand: Aquacide

1.2 Other means of identification

1/2" dia. off white/grey pellet.

1.3 Recommended use of the chemical and restrictions on use

For use in lakes and ponds to reduce organic material.

1.4 Supplier's details

Name: Aquacide Co.
Address: 1627 9th Street
PO Box 10748
White Bear Lake, MN 55110-0748
USA

Telephone: 651-429-6742
Fax: 651-429-0563
email: info@killlakeweeds.com

1.5 Emergency phone number(s)

1-800-424-9300

SECTION 2: Hazard identification

General hazard statement

This product is not considered to be hazardous to health.

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.
SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Sodium sulfate
   Concentration: > 30 - < 50 % (Weight)
   CAS no.: 7757-82-6

2. Bentonite
   Concentration: > 20 - < 40 % (Weight)
   CAS no.: 1302-78-9

3. Component 3 (trade secret)
   Concentration: > 10 - < 30 % (Weight)

4. LACTOSE
   Concentration: > 1 - < 10 % (Weight)
   CAS no.: 63-42-3

Trade secret statement (OSHA 1910.1200(i))
Line three (3) is considered confidential business information.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice
If medical advice is needed, show this Safety Data Sheet to the doctor in attendance.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Get medical attention if adverse health effects persist or are severe.

In case of skin contact
Rinse with plenty of water. Get medical attention if irritation develops and persists.

In case of eye contact
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

If swallowed
Drink 1 or 2 glasses of water. Do NOT induce vomiting, unless directed to do so by medical personnel. Get medical attention immediately if symptoms occur.

Personal protective equipment for first-aid responders
No action shall be taken involving any personal risk or without suitable training.
4.2 Most important symptoms/effects, acute and delayed
Adverse symptoms may include the following:

Eye contact: Irritation, redness
Inhalation: Respiratory tract irritation, coughing
Skin contact: No specific data.
Ingestion: No specific data.

4.3 Indication of immediate medical attention and special treatment needed, if necessary
Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical
None known. The product itself does not burn.

5.3 Special protective actions for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary.

Further information
Material can be slippery when wet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
No special precautions are necessary beyond normal good hygiene practices.

6.2 Environmental precautions
Avoid dispersal of spilled material and runoff and contact with drains and sewers.

6.3 Methods and materials for containment and cleaning up
Vacuum or sweep up material and place in a designated, labeled container.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid contact with skin and eyes. No special precautions are necessary beyond normal good hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities
Store in original tightly closed container. Keep the container dry.

Specific end use(s)
For use in lakes and ponds to reduce organic material. Other uses is not advised.
SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls
None required with normal household use.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
None required with normal household use.

Skin protection
No special protective equipment required.

Body protection
Normal work clothing (long sleeve shirts and long pants) is recommended.

Respiratory protection
Respiratory protection is not required.

Thermal hazards
Not applicable.

Environmental exposure controls
Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/form</td>
<td>1/2” dia. off white/grey pellet.</td>
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<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>None</td>
</tr>
<tr>
<td>pH</td>
<td>No data available.</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>&gt; 842 °F (&gt; 450 °C) / Not applicable.</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Upper/lower flammability limits</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Upper/lower explosive limits</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Relative density</td>
<td>2.6</td>
</tr>
<tr>
<td>Solubility(ies)</td>
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<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available.</td>
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<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>&gt; 932 °F (&gt; 500 °C)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>None.</td>
</tr>
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</table>
SECTION 10: Stability and reactivity

10.1 Reactivity
None.

10.2 Chemical stability
The product is stable.

10.3 Possibility of hazardous reactions
None.

10.4 Conditions to avoid
Moisture or water during storage.

10.5 Incompatible materials
Do not store near strong acids, oxidizing agents.

10.6 Hazardous decomposition products
Under normal conditions of storage and use, hazardous reactions will not occur.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
Bentonite
LC50 Inhalation - Rat - >5.27 mg/l - 4 hour

Bentonite
LD50 Oral - Rat - >2,000 mg/kg

Sodium sulfate
LD50 Oral - Rat - >10,000 mg/kg

Component 3
ATE Value - 3167 mg/kg

Skin corrosion/irritation
Sodium Sulfate: No data for dermal but not expected to be of concern.

Bentonite: Not classified.

Lactose: Not classified.

Serious eye damage/irritation
Sodium Sulfate: May cause slight eye irritation.

Bentonite: Dust in eyes will cause irritation.

Respiratory or skin sensitization
May cause slight skin irritation.

Germ cell mutagenicity
Not Applicable (testing negative).

Carcinogenicity
This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP.

**Reproductive toxicity**  
Not classified.

**STOT-single exposure**  
May cause respiratory irritation.

**STOT-repeated exposure**  
None.

**Aspiration hazard**  
Based on physical properties, not likely to be an aspiration hazard.

### SECTION 12: Ecological information

**Toxicity**  
**Sodium Sulfate:**  
LC50 Fish: Pimephales Promelas 96 hours = 7960 mg/l  
EC50 Algae: Nitzschia linearis 120 hours = 1900 mg/l

**Bentonite:**  
LC50: Fresh Water Fish 96 hours 1600 mg/l  
EC50: Algae 72 hours >100 mg/l

Lactose: No data available.

**Persistence and degradability**  
**Sodium Sulfate:** Not relevant for inorganic substances.

**Bentonite:** Not relevant for inorganic substances.

Lactose: Biodegradable (No data available).

**Bioaccumulative potential**  
**Sodium Sulfate:** BCF 0.5 predicted using EPI Suite program. Very low, does not suggest any concern.

**Bentonite:** Will not bio accumulate.

Lactose: No data available.

639: No data available.

**Mobility in soil**  
**Sodium Sulfate:** Soluble, expected to move with water in soil.

**Bentonite:** Poor solubility, low mobility in soil.

Lactose: No data available.

639: No data available.
Other adverse effects
No other adverse environmental effects from this mixture.

SECTION 13: Disposal considerations

Disposal of the product
Dispose of contents/container in accordance with the local, regional, national regulations.

Disposal of contaminated packaging
Offer for recycling if available. If recycling not available, then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

SECTION 14: Transport information

14.1 UN Number
None

14.2 UN Proper Shipping Name
None

14.3 Transport hazard class(es)
None

14.4 Packing group
None

14.5 Environmental hazards
None

14.6 Special precautions for user
None

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
None

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question
Pennsylvania Right To Know Components
Chemical name: Sodium sulfate (solution)
CAS number: 7757-82-6

HMIS Rating

<table>
<thead>
<tr>
<th>AquaClear Pellets</th>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
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NFPA Rating

<table>
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<th>FLAMMABILITY</th>
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<tr>
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<td>0</td>
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</tbody>
</table>

SECTION 16: Other information

16.1 Further information/disclaimer
Information in this SDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and Aquacide Co. assumes no liability resulting from the use of this SDS. The user must determine suitability of this information for his application.