

# centaur

## ANIMAL HEALTH

Safety  
Data  
Sheet

### Ovum Flotation

(Zinc Sulfate, heptahydrate, ACS, White Vitriol, Zinc Vitriol )

Olathe, KS Tel: 913-390-6184

Emergency phone: 800 424 9300 (Chemtrec)

#### 1. Product Identity

NFPA Rating: Health 2, Flammability 0, Reactivity 0, Special 0  
HMIS Rating: Health 2 Flammability 0, Physical 0, Reactivity, 0

Product Name: Ovum Flotation  
Product Number: 88

#### 2. Hazardous Ingredients

Zinc Sulfate Heptahydrate Irritant



**Signal Word:** Danger

**Hazard Statement:** Harmful if swallowed. Causes eye damage

**Precautionary Statements:** Take time observe label directions. Keep away from children. Keep container closed when not in use. Store at 15°-30°C (59°-86°F). Avoid contact with eyes & mucous membranes. Wash skin thoroughly after handling. May be fatal if swallowed.

#### 3. Composition

Zinc Sulfate Heptahydrate CAS#: 7446-20-0

Weight%: Zinc Sulfate Heptahydrate: 100%

**4. First Aid Measures**

WARNING! CAUSES SEVERE EYE IRRITATION & POSSIBLE EYE INJURY. CAUSES SKIN AND REPSIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED VERY TOXIC TO AQUATIC ORGANISMS

TARGET ORGANS: RESPIRATORY SYSTEM, EYES, SKIN

Emergency First Aid Procedures

Eye Contact: Flush immediately with large amount of water and continue flushing for 15 minutes. Get medical attention immediately.

Inhalation: Give artificial respiration if necessary. Move victim to fresh air. Keep victim warm and at rest. Get medical attention immediately.

Ingestion: Do not induce vomiting. Call Poison Control immediately.

Skin Contact: In case of contact, immediately flush skin with plenty of soap & water for at least 15 minutes while removing the contaminated clothing and shoes. Get medical aid immediately.

Note to physicians: Treat symptomatically and supportively

**5. Fire and Explosion**

Flash Point: No information found

Extinguishing Media: For small fires, use dry chemical, carbon dioxide, water spray or alcohol resistant foam

Special Fire Fighting Procedures: As in any fire, wear a self-contained breathing apparatus in pressure demand, MSHA/NIOSH and full protective gear

**6. Accidental Release Measures**

Steps to take in case of spill, leak or release:

Use proper personal protective equipment. Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. This

<p><b>7. Handling &amp; Storage</b></p>	<p>material is a water pollutant and should not be emptied into drains.</p> <p><u>Ventilation:</u> Use adequate general or local exhaust ventilation to prevent contact with dust from product.</p> <p><u>Handling:</u> Wash thoroughly after handling. Minimize dust generation.</p>																
	<p><b>8. Exposure Controls, Personal Protection</b></p> <p><u>Protective clothing or equipment:</u> Wear appropriate personal protective equipment (safety splash glasses, lab coat) to avoid direct contact.</p> <p>Eyes: do not wear contact lenses when working with chemicals. Wear appropriate safety goggles.</p> <p>Skin: Wear appropriate protective gloves to prevent skin exposure</p> <p>Clothing: Wear appropriate protective clothing to prevent skin exposure</p> <p>Respirators: Follow OSHA respirator regulations found in 29 CFR 1910.134 &amp; ANSI Z88.2. Use a NIOSH approved respirator if exposure limits are exceeded or if irritation other symptoms are experienced.</p> <p><u>Work or Hygienic Practices:</u> Use good personal hygiene when handling this product. Wash hands after use, before smoking or eating, and before using the toilet.</p> <p>No additional information is available at this time.</p>																
<p><b>9. Physical &amp; Chemical Properties</b></p>	<table> <tr> <td>Appearance:</td> <td>White Crystals</td> </tr> <tr> <td>Odor:</td> <td>Odorless</td> </tr> <tr> <td>Specific Gravity:</td> <td>3.54g/cm<sup>3</sup> @ 25°C</td> </tr> <tr> <td>pH:</td> <td>4.4-6 (5% aq soln)</td> </tr> <tr> <td>Boiling point:</td> <td>Not Available</td> </tr> <tr> <td>Vapor Pressure:</td> <td>Not Available</td> </tr> <tr> <td>Evaporation Rate:</td> <td>Negligible</td> </tr> <tr> <td>Solubility in Water:</td> <td>Soluble</td> </tr> </table>	Appearance:	White Crystals	Odor:	Odorless	Specific Gravity:	3.54g/cm <sup>3</sup> @ 25°C	pH:	4.4-6 (5% aq soln)	Boiling point:	Not Available	Vapor Pressure:	Not Available	Evaporation Rate:	Negligible	Solubility in Water:	Soluble
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<p><b>10. Stability &amp; Reactivity</b></p>	<p>Stability: Stable under ordinary conditions and pressures. Efflorescent in dry air.</p> <p>Incompatibility: Strong bases</p> <p>Conditions to avoid: High Temperatures</p> <p>Hazardous polymerization: Has not been reported.</p> <p>Special Remarks on Reactivity: Decomposition products: oxides of sulfur, toxic fumes of zinc oxide</p>
<p><b>11. Toxicological Information</b></p>	<p>LD50-LC50: CAS # 7446-20-0:  Oral, mouse: LD50=200mg/kg  Oral, rat: LD50=1260 mg/kg</p> <p>Carcinogenicity: Not listed  Epidemiology: No information available  Teratogenicity: No information available  Reproductive: No information available  Mutagenicity: No information available  Neurotoxicity: No information available</p>
<p><b>12. Ecological Information</b></p>	<p>Environmental: very toxic to aquatic organisms</p>
<p><b>13. Disposal Considerations</b></p>	<p>Dispose in accordance to state, local &amp; federal regulations.</p>
<p><b>14. Transport Information</b></p>	<p>DOT Class: Not Regulated  Hazard Class: N/A  UN Number: N/A  Package code: N/A  Shipping Name: N/A</p>
<p><b>15. Regulatory Information</b></p>	<p>US Federal:  TSCA: CAS 7446-20-0: not on the inventory because it is a hydrate</p> <p>SARA Reportable Quantities: None</p> <p>CERCLA/SARA Section 313: Subject to reporting requirements of section 313 of SARA title III 40 CFR Part 373</p> <p>OSHA: Not considered highly hazardous</p> <p>US State:</p>

**16. Other Information**

State right to know: California (listed zinc compound),  
Pennsylvania (listed zinc compound)

European/International:

Canadian DSL/NDSL: listed on Canada's DSL list

Not listed on Canadian Ingredient Disclosure list

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