

Fecatect Zn 118

Section 1: Product and Company Identification

Product Name: Fecatect Zn 118 (Zinc Sulfate Heptahydrate)

Synonyms/Generic Names: White vitriol; Zinc Sulfate; zinc vitriol

Product Number: 050186

Product Use: Fecal Floatation Medium

Manufacturer: Respa Animal Health, Inc.
625 Factory Rd
Addison, IL 60101

In Case of Emergency Call: Chemtrec (24hrs): 800-424-9300

Section 2: Hazard(s) Identification

Hazard Classification (GHS Classification):



Corrosive

Serious eye damage, category 1



Irritant

Acute toxicity (oral, dermal, inhalation), category 4



Environmentally Damaging

Acute hazards to the aquatic environment, category 1

Chronic hazards to the aquatic environment, category 1

Signal word: Danger

Hazard Statement(s): Causes severe eye irritation and possible eye injury. Causes skin and respiratory tract irritation. May be harmful if swallowed. Very toxic to aquatic organisms.

Description of Hazards:

- Eye: Contact may cause severe eye irritation and possible eye damage
- Skin: Causes skin irritation
- Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed.
- Inhalation: Dust is irritating to the respiratory tract. May be harmful if inhaled.
- Chronic: No information found.



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Section 3: Composition/ Information on Ingredients

Components:

Ingredient	CAS #	PEL/TLV	Percent
Zinc sulfate, heptahydrate	7446-20-0	N/A	100%

Section 4: First-Aid Measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids until no evidence of chemical remains. Get medical aid at once.

Skin Contact: Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid.

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

Ingestion: Do not induce vomiting. Get medical aid at once.

Effects of Overexposure: Exposure limits have not been ascertained for this product.

Recommendations: Immediate medical care and special treatment needed, if necessary.

Section 5: Fire- Fighting Measures

Flash Point (Method): N/A

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

Unusual Fire and Explosive Conditions: None

Precautions and Equipment for Firefighters: Must wear MSHA/NIOSH approved self-contained breathing apparatus and protective clothing.

Hazchem Code: None allocated

NFPA Rating: Health-2; flammability-0; reactivity-0



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Section 6: Accidental Release Measures

Personal Precautions: Wear suitable protective equipment.

Environmental Precautions/ Containment: Avoid runoff to sewers or waterways.

Emergency Procedures: N/A

Cleanup Procedures: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. This material is a water pollutant and should not be emptied into drains.

Waste Disposal Methods: Dispose in accordance with all local, state and federal regulations. It may be necessary to contain and dispose of zinc sulfate as hazardous waste. Contact your regional office of the environmental protection agency for specific recommendations. Use licensed waste hauler

Section 7: Handling and Storage

Skin Protection: No special skin protection other than good personal hygiene practice is recommended under anticipated conditions of use. Use chemical resistant gloves, if needed, to avoid prolonged skin contact.

Eye Protection: Wear dust proof goggles and face shield when working with powders and dust, unless full face piece respiratory protection is worn.

Ventilation Requirements: Provide sufficient ventilation.

General Hygiene Practices: Wash hands with plenty of soap and water before eating, drinking, smoking or use of toilet facilities. Do not use gasoline, solvents, kerosene, or harsh abrasive skin cleaners. Take a shower after work if general contact occurs.

Section 8: Exposure Controls/Personal Protection

Exposure Limits:

Chemical Name:	ACGIH	NIOSH	OSHA
Zinc sulfate, heptahydrate	none listed	none listed	none listed

Personal Protective Measures:

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- Respiratory Protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134 and ANSI Z88.2. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
- Ventilation: Provide sufficient ventilation.
- Eye Protection: Do not wear contact lenses when working with chemicals. Wear appropriate protective eyeglasses or chemical safety goggles.
- Skin Protection: Wear appropriate protective gloves to prevent skin exposure.

Environmental Exposure Controls: Store in a second containment to catch leakages.

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Section 9: Physical and Chemical Properties

Appearance:

Physical State:	Crystals, solid
Color:	White
Odor:	No discernible odor

Physical and Chemical Properties:

Vapor Pressure:	No data available
Boiling Point:	No data available
Solubility in Water:	Soluble
Vapor Density:	No data available
Specific Gravity:	3.54 g/cm ³ @ 25°C
Percent Volatile:	No data available
Evaporation Rate:	Negligible
pH	4.4-6 (f% aq soln)
Melting Point:	100°C

Section 10: Stability and Reactivity

Reactivity: This product is stable under normal conditions.

Chemical Stability: Stable under normal temperatures and pressures. Efflorescent (tending to lose water molecules of hydration) in dry air

Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal



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use.

Conditions to Avoid: Avoid high temperatures.

Incompatible Materials: Strong bases.

Hazardous Decomposition Products: Oxides of sulfur, toxic fumes of zinc oxide

Section 11: Toxicological Information

Routes of Exposure:

- Ingestion: No significant signs or symptoms indicative of any adverse health hazard.
- Inhalation: No significant signs or symptoms indicative of any adverse health hazard
- Skin contact: May cause slight irritation in susceptible persons.
- Eye contact: May cause irritation. May aggravate pre-existing eye disease.

Toxicity - single exposure: Due to lack of data the classification is not possible.

Symptoms Long Term Exposure: Due to lack of data the classification is not possible.

Medical conditions aggravated by exposure: Due to lack of data the classification is not possible.

Mutagenicity: Due to lack of data the classification is not possible.

Carcinogenicity: Based on available data, the classification criteria are not met. This material is not considered to be a carcinogen by IARC, NTP, or OSHA.

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: No data is available

Persistence and Degradability: No data is available on the degradability of this product.

Bioaccumulative potential: No data is available

Mobility in soil: No data is available

Other adverse effects: Very toxic to aquatic organisms

Section 13: Disposal Considerations (non-mandatory)



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Disposal Instructions: Dispose in accordance with all local, state and federal regulations. It may be necessary to contain and dispose of zinc sulfate as a hazardous waste. Contact your regional office of the environmental protection agency for specific recommendations. Use licensed waste hauler.

Disposal Containers: Collect and seal in properly labeled containers for disposal.

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Refer to local Waste Management Authority Regulations for other approved methods.

Section 14: Transport Information (non-mandatory)

Transport Regulations: Not classified as hazardous material.

DOT Regulations: Not regulated as hazardous material by DOT.

Section 15: Regulatory Information (non-mandatory)

United States Federal Regulations: CERCLA Hazardous Substances - Not applicable.
All components are on the U.S. EPA TSCA Inventory List.

Superfund Amendments and Reauthorization Act of 1986 (SARA): This material contains Zinc sulfate, heptahydrate (listed as Zinc compounds), 99%, (CAS# 7446-20- 0) which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

Safe Drinking Water Act (SDWA): Not regulated

Food and Drug Administration (FDA): Not regulated

Section 16: Other Information

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Prepared: Respa Pharmaceuticals, Inc.

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Further Information: N/A