



Material Safety Data Sheet

1. Product and Company Identification

Product Name Filtermate Chlorine Pellets

Product Use Water treatment

Manufacturer Iron Out dba Summit Brands
1515 Dividend Road
Fort Wayne, IN 46808

Phone 260-483-2519

Emergency phone 1-800-424-9300 (CHEMTREC)

HMIS

Health	2
Flammability	0
Reactivity	2

Revision date 12/4/07

2. Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS #</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Calcium hypochlorite	7778-54-3	40-70	N/A	N/A*

*Manufacturer recommends exposure limits of 1mg/M3 TWA (8 hour) and 2mg/M3 STEL (15 minute)

3. Hazards Identification

Primary routes of exposure Eyes, skin respiratory

Effects of acute exposure

Eyes	Do not get in eyes.
Skin	Do not get on skin or clothing. May cause chemical burns.
Ingestion	Do not swallow. May cause injury or death.

4. First Aid Measures

Ingestion If swallowed, give at least 3-4 glasses of water, but do NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Get medical attention immediately.

Inhalation Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Skin Wash with water. Consult physician if irritation persists.

Note to Physician: Treat symptomatically.



5. Fire Fighting Measures

Flash point	Not applicable
Extinguishing media	Water only. Smothering is ineffective - product supplies own oxygen.
Special procedures	Product decomposes at 180 degrees C releasing oxygen gas. Container may rupture. Firefighters must wear NIOSH approved, pressure demand, self-contained breathing apparatus with full face piece for possible exposure to hazardous gases.

6. Accidental Release Measures

Use extreme caution in handling spilled material. Contamination with organic or combustible material may cause fire or violent decomposition. If fire or decomposition occurs in area of spill, immediately douse with plenty of water. Otherwise, sweep up all visible material using a clean, dry, shovel and broom and dissolve material in water. Spilled material that has been swept up and dissolved in water should be used immediately in the normal application of this product.

7. Handling and Storage

Store in a cool, dry well ventilated area. Keep in original container. Keep container closed. Keep away from heat, sparks, flames direct sunlight and other sources of heat. Use only a clean, dry scoop made of metal or plastic to remove from container. Add this product only to water. Do not reuse container.

8. Exposure Controls/Personal Protection

Respiratory protection	If dusty, use NIOSH approved respirator with acid gas cartridge
Ventilation	None required unless dusty conditions are encountered
Protective gloves	Natural or synthetic rubber
Eye protection	Chemical safety glasses
Other protective clothing	Boots, aprons or chemical suits should be used when necessary to prevent skin contact
Hygienic practices	Maintain ordinary good housekeeping practices

9. Physical and Chemical Properties

Physical state	White pellets
Odor	Chlorine-like odor
pH	Not applicable
Boiling point	Not applicable
Specific gravity	Not applicable
Vapor pressure (mm Hg)	Not applicable
Melting point	Not applicable
Vapor density (Air=1)	Not applicable
Solubility in water	217 gm/L @ 27 C
Evaporation rate (Butyl Acetate=1)	Not applicable



10. Chemical Stability and Reactivity Information

Chemical stability	Stable
Conditions to avoid	Avoid contamination. Do not expose to excess heat above 177 C
Incompatible materials	Acids, combustibles, organics, reducing agents
Hazardous decomposition products	Acid or ammonia contamination will release toxic gases. Excessive heat will cause decomposition and release of oxygen and chlorine gas.
Hazardous polymerization	Will not occur

11. Toxicological Information

Primary routes of exposure	Eyes and skin
Effects of acute exposure	
Eyes	Corrosive to the eyes
Skin	May cause irritation or burns
Ingestion	Severe burns to the mouth and throat
Carcinogenicity	No
Medical conditions aggravated by exposure	None known

12. Ecological Information

No ecological information is available.

13. Disposal Considerations

Dispose of according to local, state and federal regulations.

14. Transportation Information

Proper Shipping Name	Calcium Hypochlorite, hydrated
Hazard Class	5.1 (Oxidizer)
ID Number	UN2880
Packing Group	II
RQ	10 lbs/4.54 kg

Note: This product may be reclassified as a Consumer Commodity (ORM-D) if applicable DOT regulations are met.

15. Regulatory Information

This product is registered by EPA as a pesticide. Follow all applicable local, State and Federal regulations.



16. Other Information

Prepared by: SES, 3807 Transportation Drive, Fort Wayne, IN 46818 1-800-654-4915

Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that users of this product have been trained according to the requirements of all applicable regulations. No warranty, expressed or implied, is made and the supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.