



# SAFETY DATA SHEET

## Section 1: Identification

**Product Name:**

ChloroSorb

**Chemical Name/Synonyms:**

Hygiene Powder

**Recommended Application:**

A surface applied product used to maintain and support animal health and facility biosecurity.

**Restricted Use:**

No further relevant information available.

**Manufacturer:**

Ascension Ag  
P.O. Box 251  
Ames, IA 50010

**In emergency call 911.**

**For information about this SDS, use this department contact phone #: (515) 203-3536**

## Section 2: Hazard(s) Identification

**Hazard Classification:**

No further relevant information available.

**Signal Word(s):**

Danger; Warning

**Hazard Statements:**

H302+EUH031 Harmful if swallowed. Contact with acids liberates toxic gas.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Pictograms:**



**Precautionary Statements:**

P261 Avoid breathing dust/fume/gas/mist/vapor/spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink, or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P285 In case of inadequate ventilation wear respiratory protection.

P330 Rinse mouth.



P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

**Description of other hazards:**

No further relevant information available.

**Section 3: Composition/ Information on Ingredients**

Chemical Name	Synonym	CAS#	Conc.
Chloramine Trihydrate	Chloramine T	7080-50-4	*1-5%
Copper Sulfate Pentahydrate	Bluestone; Blue Vitriol; Cupric Sulfate	7758-99-8	*1-10%

\*The exact percentage of composition has been withheld as a trade secret.

**Section 4: First-Aid Measures**
**General information:**

Symptoms of poisoning may occur after several hours.

**After skin contact:**

Wash skin with water, rinse thoroughly. Use moisture renewing lotions if dryness occurs.

**After eye contact:**

Remove contact lens if worn. Flush eyes with generous quantities of water or eye rinse solution. Consult a physician if irritation persists.

**After inhalation:**

Supply fresh air; blow nose to evacuate dust.

**After swallowing:**

Rinse out mouth with water, drink generous amounts of water to reduce drying effects. A person vomiting while laying on their back should be turned to their side.

**Most important symptoms and effects, both acute and delayed:**

Gastric or intestinal disorders; Breathing difficulty; Dizziness; Asthma attacks

**Indication of any immediate medical attention and special treatment needed:**

Vomiting.

**Note to physician:**

Potential mucosal damage may contradict the use of a gastric lavage.

**Section 5: Fire-Fighting Measures****Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions.

**Special hazards arising from the substance or mixture:**

Sulfur oxides; copper fumes

**Special protective equipment for firefighters:**

Wear self-contained respiratory protective device.

**Section 6: Accidental Release Measures****Personal precautions:**

See section 8 on personal protection equipment.

**Measures for environmental protection:**

No further relevant information available.

**Measures for cleaning/collecting:**

Wet sweep, wash away, or vacuum spillage. Avoid creating dust.

**Section 7: Handling and Storage****Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace, where possible.

**Requirements to be met by storerooms and receptacles:**

No special requirements.

**Information about storage in one common storage facility:**

Do not store together with acids.

**Section 8: Exposure Controls/Personal Protection****General protective and hygienic measures:**

Keep away from foodstuffs and beverages. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

**Breathing equipment:**

Use suitable respiratory protective device when high concentrations are present.

**Eye protection:**

Where necessary, use eye protection.

**Material of gloves:**

Glove material must be impermeable and resistant to the product.

**Penetration time of glove material:**

Not relevant.

**Protective clothing:**

Use clean working clothes.

**Section 9: Physical and Chemical Properties****Form:**

Free-flowing, Powder

**Color:**

Gray

**Odor:**

No further relevant information available.

**Odor threshold:**

No further relevant information available.

**pH:**

No further relevant information available.

**Melting point/melting range:**

No further relevant information available.

**Boiling point/boiling range:**

No further relevant information available.

**Flash point:**

No further relevant information available.

**Flammability:**

No further relevant information available.

**Auto ignition temperature:**

No further relevant information available.

**Danger of explosion:**

Product does not present an explosion hazard.

**Vapor pressure:**

No further relevant information available.

**Vapor density:**

No further relevant information available.

**Bulk density:**

54-75 lb./cu. ft.

**Solubility:**

Slightly soluble.

**Section 10: Stability and Reactivity****Reactivity:**

Stable

**Chemical stability:**

Stable under normal temperatures and pressures.

**Conditions to avoid:**

None known.

**Incompatible materials:**

Do not use together with other products.

**Possible hazardous reactions:**

Contact with acids may release toxic gas. Reacts with strong oxidizing agents.

**Hazardous decomposition products:**

Hydrogen Chloride, Chlorine, Nitrogen Oxides, Carbon Monoxide, Carbon Dioxide, Sulphur Oxides, Chlorine compounds.

### Section 11: Toxicological Information

**Acute toxicity:**

None known.

**Potential routes of exposure/potential health effects****Skin:**

Caustic effect on skins and mucous membranes.

**Eye:**

Caustic effect.

**Inhalation:**

Chronic inhalation may cause dryness of nasal passage and lung congestions, coughing and general throat irritation.

**Ingestion:**

Swallowing can lead to a caustic effect on mouth and throat and the danger of perforation of esophagus and stomach.

**Carcinogenic effects:**

None known.

**Mutagenic effects:**

None known.

**Reproductive toxicity:**

None known.

**Sensitization:**

None known.

**Target organs:**

None known.

### Section 12: Ecological Information

**Ecotoxicity:**

No further relevant information available.

**Mobility:**

No further relevant information available.

**Biodegradation:**

No further relevant information available.

**Bioaccumulation:**

No further relevant information available.

**General notes:**

Do not allow product to reach drainage ditch or ground water undiluted.

### Section 13: Disposal Considerations

**Recommendation:**

No further relevant information available.

**Uncleaned packaging:**

No further relevant information available.



### Section 14: Transport Information

**UN-number:**

No further relevant information available.

**UN proper shipping name:**

No further relevant information available.

**DOT regulations:** No further relevant information available.

- **Hazard class:** No further relevant information available.
- **Land transport ADR/RID (cross-border):** No further relevant information available.
- **ADR/RID class:** No further relevant information available.
- **Maritime transport IMDG:** No further relevant information available.

**Air transport ICAO-TI and IATA-DGR:** No further relevant information available.

- **ICAO/IATA Class:** No further relevant information available.

### Section 15: Regulatory Information

**US Federal Regulations**

**SARA Section 355 (extremely hazardous substances):**

Substance is not listed.

**SARA Section 313 (specific toxic chemical listings):**

Substance is not listed.

### Section 16: Other Information

**SDS date of preparation/update:** 12/1/2020