



*your partner in food safety*

# SDS

## Safety Data Sheet

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### 1) Product Identification

**Product Name:** Synchlorozene

**Product Code:** I01788

**Recommended Use:** An organochlorine compound for improving cure rate and finished quality of hides.

**Producer:** Birko Corporation  
9152 Yosemite Street  
Henderson, CO 80640-8027

**Contact Information:** (303) 289-1090 or 1-800-525-0476

**Emergency Number:** CHEMTREC 1-800-424-9300

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### 2) Hazard(s) Identification

Health	Environmental	Physical
Acute Toxicity Cat. 4	Aquatic Toxicity	Oxidizing Solid Cat. 2
Skin Corrosion Cat. 2	Cat. 1	
Eye Effects Cat. 1		

**Labeling:****Symbol:**

**Signal Word: Danger**  
**Oxidizer, Corrosive, Irritant, Aquatic Toxicity**

**Hazard Statement(s):** This product causes irreversible eye damage, and harmful or fatal if swallowed. Do not get into eyes or on clothing. In case of contact immediately flush with water for at least 15 minutes.

**Precautionary Statement(s):** Use rubber gloves, protective splash-proof goggles, and protective clothing. Avoid contact with organic material (such as oily rags, wood, and clothing), may spontaneously combust. Remove contaminated clothing and wash before re-use. Do not contaminate food, feed, or water. Keep container closed when not in use.

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### 3) Composition/ Information on Ingredients

Name(s)	Synonym(s)	CAS Number	Weight %
Trichloroisocyanuric Acid	Trichlor	87-90-1	< 20%

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### 4) First-Aid Measures

Inhalation	Skin Contact	Eye Contact	Ingestion
Remove from exposure. Administer oxygen if breathing is difficult. Resuscitate if necessary. Get medical help immediately	Promptly rinse exposed areas with water. Do not wear contaminated clothing until it has been laundered. If irritation persists, consult a physician.	Immediately rinse eyes thoroughly in cool running water for at least 15 minutes. Seek immediate medical attention.	DO NOT give anything by mouth to an unconscious person. DO NOT induce vomiting. If the material is swallowed, give water. Seek immediate medical attention.

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### 5) Firefighting Measures

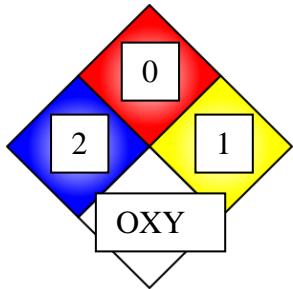
**Suitable Extinguishing Media:** Flood with water

**Unsuitable Extinguishing Media:** Dry chemical, carbon dioxide, or halogenated extinguishing agents.

**Flash Point:** N/A

**Specific Hazards:** If heated by outside source to above 464° F this product will undergo self-sustaining decomposition. Wet material may generate nitrogen trichloride which is a explosion hazard. Always wear self-contained breathing apparatus when fighting a chemical fire.

**Special Protective Actions for Fire-Fighters:** Chlorine gas liberated during combustion. This product will support, or accelerate the combustion process.



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## 6) Accidental Release Measures

**Personal Precautions:** Be sure to use all necessary Personal Protective Equipment

**Environmental Precautions:** Avoid contamination of food, feed, waterway, sewers, or groundwater.

**Methods and Materials for Containment and Clean-Up:** **In Solution:** DO NOT add water to spilled materials. DO NOT use floor sweeping compounds to clean up spills. DO NOT mix spilled materials. Damp materials should be neutralized to a non-oxidizing state. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for disposal. **Powder:** Remove all non-necessary personal from spill area, preferred upwind of spill site. Wear NIOSH approved respiratory protection, and sweep up material and deposit material in a recovery drum for disposal.

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## 7) Handling and Storage

**Precautions for Safe Handling:** Do not contaminate food, feed, or natural water. Supplier is not responsible for disposition of this product. Do not reuse container. Maintain an eyewash station, and safety shower in product handling areas.

**Conditions for Safe Storage:** Store in accordance with NFPA Oxidizer 3. Keep container closed when not in use. Store in a cool, dry location.

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## 8) Exposure Controls and Personal Protection

**Appropriate Engineering Controls:** Ventilation: Provide local exhaust ventilation where dust or mist may be generated. Ensure compliance with applicable exposure limits.

### Exposure Limits:

Name (CAS-No.)	STEL	TWA
Trichloroisocyanuric Acid (87-90-1)	NONE	NONE

### Personal Protective Equipment

Eye/Face	Skin	Gloves	Respiratory
			

**Eye/Face:** Wear chemical safety goggles.

**Skin:** Wear appropriate clothing.

**Gloves:** Wear appropriate chemical resistant gloves.

**Respiratory:** Use only a NOISH N95 approved dust mask when in contact with powdered products. If eye irritation occurs use a full face style mask. If respirators are warranted in the workplace a respiratory protection programs must meet 29 CFR 1910.134, and be followed.

**Protective Material Types:** Butyl rubber, latex, nitrile, natural rubber, neoprene, nitrile, polyvinyl chloride (PVC), or Tychem (R)

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## 9) Physical and Chemical Properties

**Physical Form:** Powder

**Appearance:** Blue

**Odor:** Chlorine

**pH:** (1% Solution) 6.5

**Melting Point:** Not Established

**Freezing Point:** Not Established

**Boiling Point:** Not Established

**Flash Point:** N/A

**Evaporation Rate:** Not Established

**Flammability:** Not flammable

**Upper/Lower Flammability or explosive limits:** Not applicable

**Vapor Pressure:** Not Established

**Vapor Density:** Not Established

**Relative Density:** Not Established

**Specific Gravity:** Not applicable

**Solubility:** 100%

**Partition coefficient:** Not available

**Auto-Ignition Temperature:** Not applicable

**Decomposition Temperature:** Not available

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## 10) Stability and Reactivity

**Chemical Stability:** Stable at normal temperatures and pressure.

**Possibility of Hazardous Reactions:** This product does not polymerize.

**Conditions to Avoid:** Water, and other oxidizing organic materials.

**Materials to Avoid:** Acids, ammonia, bases, floor sweeping compounds, calcium hypochlorite, reducing agents, or organic solvents and compounds.

**Hazardous Decomposition Products:** Chlorine gas liberated during combustion. This product will support, or accelerate the combustion process.

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## 11) Toxicological Information

### Acute Toxicity:

Test	Results	Basis
NONE	NONE	NONE

**Summary Comments:** Contact with skin and eyes will cause irritation or possible burns. If irritation persists, seek medical attention. If burns occur seek immediate medical attention. This product in dust form will cause possible burns of the mucous membranes.

**Sub-chronic/Chronic Toxicity:**

Chemical Name	CAS #	Mutagen	Teratogen	Carcinogen
NA	NA	NA	NA	NA

**Summary Comments:** Repeated or prolonged exposure, depending on concentration and duration, may cause :inflammatory and ulcerative changes in the upper respiratory tract, dermatitis, conjunctivitis.

**Medical conditions aggravated by exposure:** N/A

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## 12) Ecological Information

**Toxicity:**

Test	Results
NONE	NONE

**Persistence and Degradability:** This product is believed to be highly toxic to aquatic life.

**Bioaccumulative Potential:** This material is believed not to bioaccumulate.

**Mobility in Soil:** This product is biodegradable.

**Other Adverse Effects:** N/A

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## 13) Disposal Considerations

**Disposal Method:** Dispose in accordance with all applicable regulations. Subject to disposal regulations: U.S. EPA 40 CFR 262. Hazardous Waste Number(s): D002

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## 14) Transport Information

**UN Number:** UN1479

**UN Proper Shipping Name:** Oxidizing Solid, n.o.s., (Trichloroisocyanuric Acid)

**Transport Hazard Class (es):** 5.1

**Packing Group:** II

**Environmental Hazard(s):** N/A

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## **15) Regulatory Information**

### **US Regulations:**

**CERCLA Sections 102a/103 Hazardous substances (40 CFR 302.4): N/A**

**SARA Title III SARA Sections 311/312 Hazardous Categories (40 CFR 370.21):**

Acute: Yes

Chronic: No

Fire: Yes

Reactive: Yes

Sudden Release: No

### **State Regulations:**

**California Proposition 65:** This product is not listed

**New Jersey Worker and Community Right to Know: Hazardous Substance List:**

Trichloroisocyanuric Acid                  87-90-1

### **Canadian Regulations:**

**Controlled Products Regulations (CPR):** Not approved for use in Canada.

**WHMIS Classification:** C, D2B

**National Inventory Status: U.S. Inventory (TSCA):** All the components of this substance are listed on or are exempt from the inventory.

**Canada Inventory (DSL/NDSL):** All components of this product are listed on the DSL

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## **16) Other Information**

HMIS

<b>0</b>	<b>FLAMMABILITY</b>
<b>2</b>	<b>HEALTH</b>
<b>2</b>	<b>REACTIVITY</b>
<b>E</b>	<b>Personal Protection</b>

**Preparer:** Ramsey Johnson

**Approved By:** Terry L. McAninch

**Date:** 5/19/2015

**Previous revision:** 8/26/14

## Hazard Index

## 4-Severe

3-Serious

## 2-Moderate

## 1-Slight

0-Minimal

## Personal Protective Index

