

# SAFETY DATA SHEET

## Section 1: Product Identification

**Product name:** Retic-Chex® Stain

**Synonyms:** Reticulocyte Stain, New Methyl Blue Stain

**CAS Number:** N/A, Mixture

**Product Use:** Cellular stain for blood cell enumeration

**Manufacturer:** Streck

**Address:** 7002 S. 109 St,  
Omaha, NE, 68128

**Emergency:** Business hours: 1-402-333-1982  
24hr (Chem.-Tel): 1-800-255-3924

## Section 2: Hazards Identification

### **Classification: Health Hazards:**

Acute toxicity, oral, category 4

Acute toxicity, dermal, category 4

Skin Corrosion/ Irritation, category 2

Serious Eye damage/ irritation, category 2A

**Label Elements:** Container labeling is not required on medical devices per 29CFR1910.1200(b)(5).

**Symbol:** Exclamation Point.

**Signal Word:** Warning

**Hazard Statements:** Causes skin irritation.

Harmful if swallowed or in contact with skin

Causes serious eye irritation.

### **Precautionary Statements:**

Wear protective gloves/eye protection/ face protection/ protective clothing.  
Wash skin thoroughly after handling.

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

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/ attention.

IF ON SKIN: Wash with plenty of soap and water.

Take off contaminated clothing and wash before reuse.

If skin irritation occurs: Get medical advice/ attention.

Call a POISON CENTER or doctor/ physician if you feel unwell.

IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

Rinse mouth.

Dispose of contents/ container to an approved waste disposal plant.

## Section 3: Composition

<b>CAS #</b>	<b>Hazardous Component</b>	<b>Synonyms</b>	<b>% by weight</b>
6487-48-5	Potassium Oxalate Monohydrate	Dipotassium oxalate	≤ 2%

## Section 4: First Aid Measures

### **List specific first aid measures for:**

1. **Skin Contact** - Rinse exposed area with copious amounts of water for at least 15 minutes, while removing contaminated clothing and shoes. Wash clothes before reuse. Seek medical advice if irritation develops.
2. **Eye contact** - Flush eyes with copious amounts of water for at least 15 minutes. Ensure areas under eyelids are rinsed. Seek medical advice if irritation develops.
3. **Ingestion** - DO NOT induce vomiting, seek medical attention immediately. If victim is fully conscious, rinse out mouth with water and call a physician.
4. **Inhalation** - If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

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

No data available

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

No data available

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing media</b>	Carbon oxides, Potassium oxides
<b>Special hazards arising from the chemical</b>	Suitable water spray, carbon dioxide, dry chemical powder or appropriate foam.
<b>Special protective equipment and precautions for fire-fighters.</b>	Protective Equipment: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Emits toxic fumes under fire conditions.

## Section 6: Accidental Release Measures

### **Personal precautions, protective equipment and emergency procedures**

**PPE needed for clean up:** Chemical resistant gloves, lab coat or other items to protect any body areas or clothing that might come in contact with spill.

### **Methods and materials for containment and cleaning up**

**Spill clean-up procedure:** Use absorbent material to soak up spill or leak. Dispose of saturated absorbent material as required by local, state or federal laws.

**Follow-up guidelines:** Flush spill area with water.

## Section 7: Handling and Storage

<b>Handling</b>	Avoid contact with eyes, skin or clothing. Avoid breathing vapors, mist, dust or gas. Avoid dust formation.		
<b>Storage</b>	As indicated on packaging		
<b>Temp</b>	As indicated on packaging	<b>Avoid</b>	Halogens, Ammonia, Cyanides, Heavy metals.
<b>Warnings</b>	Irritant		

## **Section 8: Exposure Control and Personal Protection**

**Control parameters:** Does not contain substances with occupational exposure limit values.

**Engineering control recommendations:** General room ventilation

**Individual protection measures:**

**PPE:** Standard Laboratory: Gloves, face shield (or goggles), lab coat (or apron)

**Additional suggestions:** N/A

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

<b>Physical State</b>	Liquid	<b>Color</b>	Blue
<b>Odor</b>	None	<b>Odor Threshold</b>	Not Determined
<b>pH</b>	≈ 7.7	<b>Melting/ Freezing point</b>	Not Determined
<b>Boiling point</b>	Not Determined	<b>Boiling range</b>	Not Determined
<b>Flash Point</b>	Not Determined	<b>Evaporation rate</b>	Not Determined
<b>Flammability</b>	Not Determined	<b>Upper/lower flammability</b>	Not Determined
<b>Explosive limits</b>	Not Determined	<b>Vapor pressure</b>	Not Determined
<b>Vapor density</b>	Not Determined	<b>Relative density</b>	Not Determined
<b>Solubility(ies)</b>	Not Determined	<b>Partition coefficient: n-octanol/ water</b>	Not Determined
<b>Auto-ignition temperature</b>	Not Determined	<b>Decomposition Temperature</b>	Not Determined
<b>Viscosity</b>	Not Determined		

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

- Reactivity:** No data available
- Chemical Stability:** Stable under recommended storage conditions.
- Possibility of hazardous reactions:** No data available
- Conditions to avoid:** No data available
- Incompatible materials:** Strong oxidizing agents, Halogens, Ammonia, Cyanides, Heavy metals.
- Hazardous decomposition products:** Carbon Monoxide & Carbon Dioxide in fire situations

## **Section 11: Toxicological Properties**

Under normal use, this product poses a negligible hazard. However, in keeping with standard laboratory safety practices, precautions should be taken to avoid exposure.

<b>Toxicological effects:</b>	Acute Toxicity Oral & Dermal, Eye and Skin Irritant
<b>Route(s) of exposure:</b>	Skin, eye
<b>Symptoms:</b>	Irritation
<b>Delayed effects:</b>	No data available
<b>Immediate effects:</b>	No data available
<b>Chronic effects:</b>	Short exposure: No data available
	Long exposure: No data available
<b>Exposure limits</b>	No data available
<b>Carcinogenicity</b>	Not listed as carcinogens or suspect carcinogens
<b>Measures of Toxicity</b>	No data available

## **Section 12: Ecological Information**

No Data Available

## **Section 13: Disposal Considerations**

To the best of our knowledge, this material does not require special disposal considerations. Adhere to local, state and federal regulations with regard to disposal of this product.

## **Section 14: Transport Information**

This product is not classified dangerous or hazardous, and does not qualify as needing regulation for shipping by the U.S. Department of Transportation, DOT (49 CFR).

## **Section 15: Regulatory Information**

**OSHA:** Classified as hazardous under GHS-OSHA guidelines.

## **Section 16: Other**

This product is intended for use as supplied. Adulteration by dilution or addition of any materials to the product as supplied invalidates any diagnostic use of the product.

Streck provides no warranties, either express or implied. It assumes no responsibility for the accuracy or completeness of this material safety data sheet.

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