

MATERIAL SAFETY DATA SHEET

Conforms to ANSI Z400.1 and is in compliance with 29 CFR 1910

STRECK
7002 S. 109 St
Omaha NE 68128

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

Section 1: Product Identification

Product name:

Retic-Chex[®] Stain

Synonyms:

Reticulocyte Stain, New Methyl Blue Stain

Section 2: Composition

CAS #	Hazardous Component	%
6487-48-5	Potassium Oxalate Monohydrate	≤ 2%

Carcinogenic Chemicals: No carcinogens or suspect carcinogens identified

Section 3: Hazards Identification

Precautionary Statements: Warning

1. **Specific health risks:**

May be harmful if swallowed
Contact with eyes or skin may cause irritation.

2. **Specific target organs:**

Kidneys, heart, eyes, skin, brain, nerves, mucous membranes

3. **Signs and symptoms of exposure:**

Irritation to exposed area(s)

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, give a cupful of water.
4. **Inhalation** - N/A

Section 5: Fire Fighting Measures

Conditions of flammability	N/A
Media to extinguish fire	Use whatever needed for surrounding area
Haz. Combustion products	May release Carbon Monoxide and Carbon Dioxide in fire conditions.
Sensitivity to impact	N/A
Sensitivity to static	N/A

Flash point	N/A
Auto ignite temp	N/A

Section 6: Accidental Release Measures

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.

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.

Follow-up guidelines:

Flush spill area with water.

Section 7: Handling and Storage

Handling	Avoid contact with eyes, skin or clothing	Storage	As indicated on packaging
PPE	Gloves, face shield, lab coat	Temp	As indicated on packaging
Warnings	Irritant	To avoid	As indicated on packaging

Section 8: Exposure Control and Personal Protection Equipment (PPE)

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

Engineering control recommendations: General room ventilation

Additional suggestions for protective equipment: N/A

Section 9: Physical and Chemical Properties

Physical state	Liquid	Evaporation rate	Negligible
Odor/appearance	None/Blue	Boiling point	Not Determined
Specific gravity	Not Determined	Freezing point	Not Determined
Vapor pressure	Not Determined	pH	≈ 7.7
Vapor density	Not Determined		

Section 10: Stability and Reactivity

- Stability:**
Stable
- Conditions under which the product is chemically unstable:**
N/A
- Substance or class of substance with which the product is incompatible:**
Strong oxidizing agents
- 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.

Route of entry	Skin, eye
Exposure	Irritant
Exposure limits	N/A
Carcinogenicity	Not listed as carcinogens or suspect carcinogens
Irritancy	May irritate

Section 12: Ecological Information

Ecological effects of this mixture have not been determined.

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

NONE

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.