

## SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifiers

Product name                    Ferroxyl Indicator  
CAS number                    See Section 3  
Synonyms                        No information available

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses                Laboratory Chemicals

#### 1.3 Details of the supplier of the safety data sheet

Company                        Lab Alley, LLC  
                                  12501 Pauls Valley Road  
                                  Austin, Texas 78737  
                                  U.S.A.  
  
Telephone                      512-668-9918  
Fax                              512-886-4008

#### 1.4 Emergency telephone

Emergency Phone #            US & Canada: 1-800-535-5053                    INFOTRAC  
                                  International 1-352-323-3500                    INFOTRAC

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Category 5: Acute oral toxicity

#### 2.2 GHS Label elements, including precautionary statements

Signal Word                    None

Hazard statements	May be harmful if swallowed.
Precautionary statements	None

## 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

May cause eye irritation. May be harmful if inhaled and cause respiratory tract irritation. May be harmful if swallowed. May be harmful if absorbed through skin. Causes skin irritation.

## SECTION 3: Composition/information on ingredients

### 3.1 Components

Chemical name	Common name and synonyms	CAS number	Concentration
Potassium Ferricyanide	No information available	13746-66-2	2.5%
Sodium Chloride	No information available	7647-14-5	1.5%
Water	No information available	7532-18-5	96%

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

#### General advice

**If inhaled** Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if irritation persists.

**In case of skin contact** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention if irritation persists.

**In case of eye contact** In case of eye contact, rinse with plenty of water and seek medical attention if irritation persists.

**If swallowed** Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention if irritation persists.

### 4.2 Most important symptoms and effects, both acute and delayed

No information available

### 4.3 Indication of any immediate medical attention and special treatment needed

No information available

## SECTION 5: Firefighting measures

## 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Product is not flammable. Use appropriate media for adjacent fire. Cool containers with water.
<b>Unsuitable extinguishing media</b>	No information available.

## 5.2 Specific hazards arising from the substance or mixture

Emits toxic fumes (carbon oxides, nitrogen oxides, potassium oxides, iron oxides) under fire conditions. (See also Stability and Reactivity section).

## 5.3 Special protective equipment and precautions for firefighters

Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

## 5.4 Further information

**Flash Point** No information available

**Autoignition Temperature** No information available

### Explosion limits

**Upper** No data available

**Lower** No data available

**Sensitivity to Mechanical Impact** No information available

**Sensitivity to Static Discharge** No information available

### NFPA

Health	Flammability	Instability	Physical hazards
1	0	0	Not available

## SECTION 6: Accidental release measures

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

See section 8 for recommendations on the use of personal protective equipment.

### 6.2 Environmental precautions

Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements.

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

Pick up and arrange disposal without creating dust. Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

## 6.4 Reference to other sections

See section 8 for recommendations on the use of personal protective equipment.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of dusts.

#### Hygiene measures

No information available

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage conditions

Store in cool, dry well ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities).

#### Incompatibilities

Strong acids, strong oxidizing agents, ammonia, hydrochloric acid, cyanides.

## SECTION 8: Exposure controls/personal protection

### 8.1 Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Not available

#### US. ACGIH Threshold Limit Values

Not available

#### US. NIOSH: Pocket Guide to Chemical Hazards

Not available

#### Biological occupational exposure limits

Not available

### 8.2 Exposure controls

#### Appropriate engineering controls

Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.

## Personal protective equipment

### **Eye/face protection**

Wear chemical safety glasses or goggles.

### **Skin protection**

Wear nitrile or rubber gloves, apron or lab coat.

### **Body Protection**

Wear nitrile or rubber gloves, apron or lab coat.

### **Respiratory protection**

Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.

### **Control of environmental exposure**

No information available

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical State	Solid
Appearance	Red crystalline powder
Odor	Not Available
Odor Threshold	Not Available
pH	Not Available
Melting Point/Range	Not Available
Boiling Point/Range	Not Available
Evaporation Rate	Not Available
Flammability (solid)	Not Flammable
Flammability or explosive limit	Not Explosive
Upper	Not Explosive
Lower	Not Explosive
Vapor Pressure	Not Available
Vapor Density	Not Available
Density	Not Available
Solubility	Soluble in cold water
Partition coefficient; n-octanol/water	Not Available
Autoignition Temp	Not Available
Decomposition Temp	Not Available
Viscosity	Not Available
Molecular Formula	Not Available

Molecular Weight	Not Available
VOC Content(%)	Not Available
Oxidizing properties	Not Available

## 9.2 Other safety information

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Not available

#### 10.2 Chemical stability

Stable

#### 10.3 Possibility of hazardous reactions

Will not occur

#### 10.4 Conditions to avoid

Not available

#### 10.5 Incompatible materials

Strong acids, strong oxidizing agents, ammonia, hydrochloric acid,

#### 10.6 Hazardous decomposition products

Carbon oxides, nitrogen oxides, potassium oxides, iron oxides

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Product Information, Component Information

###### Acute toxicity

Not available

###### Skin corrosion/irritation

Not available

###### Serious eye damage/eye irritation

Not available

###### Respiratory or skin sensitization

Not available

**Germ cell mutagenicity**

Mutagenic for bacteria and/or yeast. May affect genetic material.

**Carcinogenicity**

No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP, and OSHA.

**Specific target organ toxicity - single exposure**

Not available

**Specific target organ toxicity - repeated exposure**

Not available

**Reproductive toxicity**

Not available

**Chronic effects**

Not available

**11.2 Additional Information**

Signs and symptoms of exposure includes skin irritation, redness, itchiness; eye irritation, redness, watering eyes, itchiness; respiratory irritation, coughing, wheezing; and ingestion irritation, nausea, vomiting, diarrhea.

**SECTION 12: Ecological information****12.1 Toxicity**

Not Available

**12.2 Persistence and degradability**

Not Available

**12.3 Bio accumulative potential**

Not Available

**12.4 Mobility in soil**

Not Available

**12.5 Results of PBT and vPvB assessment**

Not Available

**12.6 Endocrine disrupting properties**

Not Available

**12.7 Other adverse effects**

Not Available

## SECTION 13: Disposal considerations

### 13.1 Waste Disposal Methods

Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

## SECTION 14: Transport information

DOT (US)	Not Dangerous Goods
IMDG	Not Dangerous Goods
IATA	Not Dangerous Goods

## SECTION 15: Regulatory information

### US federal regulations

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**  
All ingredients are listed on the TSCA inventory.

**CERCLA Hazardous Substance List (40 CFR 302.4)**  
Not listed

**SARA 304 Emergency release notification**  
Not listed

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**  
Not listed

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**  
**SARA 302 Extremely hazardous substance**  
Not listed

**SARA 311/312 Hazardous**  
No SARA Hazards

**SARA 313 (TRI reporting)**  
Not listed

### Other federal regulations

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not listed

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not listed

**Safe Drinking Water Act**

Not listed

**FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace**

Not listed

**US state regulations**

**US. Massachusetts RTK - Substance List**

Not listed

**US. New Jersey Worker and Community Right-to-Know Act**

Not listed

**US. Pennsylvania Worker and Community Right-to-Know Law**

Not listed

**California Proposition 65**

Not listed

**SECTION 16: Other information**

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**SECTION 17: Disclaimer**

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.