## Product Identifier

### 1.1 Product Identifier
- **Product Name:** Kolorfine®
- **Product Code(s):** KOLORFINE, KOLFINPLUS
- **Chemical Name:** Mixture
- **Synonyms:** NA

### 1.2 Relevant identified uses of the substance or mixture and uses advised against
- **Intended Product Use:** Used to correct and stabilize color in wine, juice, and vinegar.

### 1.3 Details of the supplier of the safety data sheet
- **Manufacturer/Distributor:** Gusmer Enterprises, Inc.
- **Postal Address:** 81 M Street, Fresno, CA 93721 USA
- **Telephone Number:** (01)(559) 486-2692 [USA] (product info)
- **Hours of Operation:** Monday - Friday 8:00am-5:00pm PST
- **Emergency telephone number**
  - **Medical Emergency:** 911
  - **Chemical Emergency:** (800) 424-9300

## Section 2 - Hazards Identification

### 2.1 Classification of the substance or mixture:
- **Acute Toxicity, Oral (Category 4):**
- **Skin Irritation (Category 2):**
- **Eye Irritation (Category 2A):**
- **STOT SE, Respiratory System (Category 3):**

### 2.2 Label Elements
- **Hazard Pictogram(s):**
- **Signal Word:** Warning
- **Hazard Statements:**
  - Harmful if swallowed.
  - Causes skin irritation.
  - Causes serious eye irritation.
  - May cause respiratory irritation.
- **Precautionary Statements:**
  - Avoid breathing dust/fume/gas/mist/vapors/spray.
  - Wear protective gloves/protective clothing/eye protection/face protection.
  - Wash skin thoroughly after handling.
  - Do not eat, drink or smoke when using this product.
  - IF SWALLOWED: Call a poison center or doctor/physician if you feel unwell. Rinse mouth. Use only outdoors or in a well ventilated area.
  - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present. Continue rinsing.
  - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  - IF IN THE EYE: Rinse with plenty of water for at least 15 minutes. Consult a physician. Dispose of contents/container to an approved waste disposal plant.
  - IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Store in a well ventilated place. Keep container tightly closed.
  - IF INHALED: Consult a physician/doctor.

## Section 3 - Composition / Information on Ingredients

### Ingredient(s)
- **Potassium Carbonate**
  - **Common Name & Synonyms:** NA
  - **Percentage:** 1-30%
  - **CAS No.:** 584-08-7
- **Proprietary Mixture**
  - **Common Name & Synonyms:** NA
  - **Percentage:** 70-100%
  - **CAS No.:** NA

## Section 4 - First Aid Measures

### 4.1 Description of the first aid measures
- **Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- **Skin Contact:** Wash off with soap and plenty of water. Consult a physician.
- **Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- **Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 Most important symptoms and effects, both acute and delayed
- **Eye Contact:** Causes serious eye irritation.
- **Skin Contact:** Causes skin irritation.
- **Inhalation:** May cause respiratory irritation.
- **Ingestion:** May cause burning sensation in the throat and chest.

### 4.3 Indication of any immediate medical attention and special treatment needed
- **Treatment:** No special advice, treat symptomatically.
### Section 5 - FIREFIGHTING MEASURES

5.1 Extinguishing Media

- **Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

- **No further relevant information available.**

5.3 Advice for firefighters

- As in any fire, wear NIOSH-approved self-contained breathing apparatus and appropriate protective clothing.
- Product as supplied and shipped is highly unlikely to release sufficient dust to constitute a combustible dust explosion hazard. Depending on airborne concentration, moisture content, particle diameter, surface area and exposure to an ignition source, airborne dust may ignite and burn with explosive force in a contained area.

### Section 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- Use personal protective equipment. Avoid dust inhalation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

6.2 Environmental precautions

- Do not let product enter drains.
- Minimize compressed air blowdown or other practices that generate high dust levels.

6.3 Methods and materials for containment and cleaning up

- Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Provide appropriate exhaust ventilation at places where dust is formed.

### Section 7 - Handling and Storage

7.1 Precautions for safe handling

- Avoid contain with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
- Provide appropriate exhaust ventilation at places where dust is formed.

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed in a dry and well-ventilated place.

### Section 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

- Contains no substances with occupational exposure limit values.

8.2 Exposure controls

- **Engineering Controls:** Normal Handling Conditions. If necessary use ventilation system to keep airborne dust concentration below permissible exposure limits. Ventilation to control dust should be considered where potential explosive concentrations and ignition sources are present. The design and operation of any exhaust system should consider the possibility of explosive concentrations of dust within the system.
- **Respiratory Protection:** For nuisance exposures use type P95 particle respirator. For higher level protection use type OV/AG/P99 respirator cartridges.
- **Eye Protection:** ANSI Z87+ approved dust goggles or safety glasses, if necessary, to avoid eye irritation.
- **Skin Protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper removal technique to avoid skin contact with this product.
- **General Hygiene:** Maintain good housekeeping practices, wash hands before breaks and at the end of workday. For nuisance exposures use type P95 particle respirator. For higher level protection use type OV/AG/P99 respirator cartridges.

- **If necessary use ventilation system to keep airborne dust concentration below permissible exposure limits.**
- **Ventilation to control dust should be considered where potential explosive concentrations and ignition sources are present.**
- **The design and operation of any exhaust system should consider the possibility of explosive concentrations of dust within the system.**

### Section 9 - PHYSICAL and CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- **Physical State:** Granular powder
- **Color:** White to buff-colored
- **Odor:** Faint milk odor
- **Odor Threshold:** No Data Available
- **pH:** No Data Available
- **Melting / Freezing Point (Specify):** No Data Available
- **Initial Boiling Point & Boiling Range:** No Data Available
- **Flash Point:** No Data Available
- **Evaporation Rate:** No Data Available
- **Flammability (solid, gas):** Upper: No Data Available Lower: No Data Available UEL: No Data Available Kat: No Data Available
- **Explosive Limits:** LEL: No Data Available
- **Vapor Pressure:** No Data Available
- **Relative Density:** No Data Available
- **Solubility(ies):** Slowly soluble, with mixing
- **Partition Coefficient (n-octanol/water):** No Data Available
- **Auto-Ignition Temperature:** No Data Available
- **Decomposition:** No Data Available
- **Oxidizing Properties:** No Data Available
- **Viscosity:** No Data Available
Section 10 - STABILITY and REACTIVITY

10.1 Reactivity
No Data Available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No Data Available

10.4 Conditions to avoid
Avoid contact with oxidizing agents.

10.5 Incompatible materials
Acids, Strong oxidizing agents

10.6 Hazardous decomposition products
CO₂, CO, smoke

Section 11 - TOXICOLOGY INFORMATION

11.1 Information on toxicological effects
Toxicology Data: The product has not been fully tested. The statements have been derived in parts from products of a similar structure or composition.

<table>
<thead>
<tr>
<th>Toxicology Data</th>
<th>Expiration Route</th>
<th>Dose</th>
<th>Observed Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity:</td>
<td>Toxicity Test</td>
<td>Exposure Route</td>
<td>Dose</td>
</tr>
<tr>
<td>Potassium Carbonate:</td>
<td>LD₅₀ (Rat)</td>
<td>Oral</td>
<td>1,870 mg/kg</td>
</tr>
</tbody>
</table>

Skin Corrosion/Irritation:
Irritant to skin.

Serious Eye Damage/Eye Irritation:
Irritating effect.

Respiratory or Skin Sensitization:
No sensitizing effects known.

STOT - Single Exposure:
May cause upper respiratory tract irritation.

STOT - Repeated Exposure:
No Data Available

Aspiration Hazard:
No Data Available

11.2 Further Information
Mutagenicity: No Data Available
Productive Toxicity: No Data Available
Carcinogenicity:
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Section 12 - ECOLOGICAL INFORMATION

12.1 Toxicity
Potassium Carbonate: Toxicity to fish - LC₅₀ - Pimephales promelas (fathead minnow) - < 510 mg/l - 96h.

12.2 Persistence and degradability
No Data Available

12.3 Bioaccumulative potential
No Data Available

12.4 Mobility in soil
No Data Available

12.5 Other adverse effects
No Data Available

Section 13 - DISPOSAL CONSIDERATIONS

Substance: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - TRANSPORTATION INFORMATION

UN Number: Not Applicable
Class: Not Applicable
Proper Shipping Name: Not Applicable
Packing Group: Not Applicable
Marine Pollutant: Not Applicable
Other Applicable Information: Not Applicable

Section 15 - REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
TSCA: Listed
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.
SARA 311/312: No SARA Hazards.
California Prop. 65 Components:
This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

COM-CORP/004-03-L4
Kolorfine®

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May cause respiratory irritation.

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If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor/physician if you feel unwell. Wear protective gloves/protective clothing/eye protection/face protection. Wash skin thoroughly after handling. Do not eat, drink or smoke when using product. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present. Continue rinsing. If eye irritation persists: Get medical advice/attention. If swallowed: Call a poison center or doctor/physician if you feel unwell. Rinse mouth. Store in a well ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container to an approved waste disposal plant.

Gusmer Enterprises Inc. 
82 M St. Fresno, CA 93721 (559) 485-2692

CONSULT SDS FOR ADDITIONAL INFORMATION ON HAZARD 

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