




	Gusmer Enterprises, Inc.®	Issue Date: 05/19/15 Version: 1.0						
	SAFETY DATA SHEET FORM							
Product Identifier:	Kolorfine®							
Section 1 - PRODUCT and COMPANY IDENTIFICATION								
<p>1.1 Product Identifier Product Name: Kolorfine® Product Code(s): KOLORFINE, KOLFIFINPLUS Chemical Name: Mixture Synonyms: NA</p> <p>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.</p> <p>1.3 Details of the supplier of the safety data sheet Manufacturer/Distributor: Gusmer Enterprises, Inc.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Postal Address: 81 M Street, Fresno, CA 93721 USA</td> <td style="width: 50%;">1401 Ware Street, Waupaca, WI 54981 USA</td> </tr> <tr> <td>Telephone Number: (01)(559) 485-2692 [USA] (product info)</td> <td>(01)(715) 258-5525 [USA] (product info)</td> </tr> <tr> <td>Hours of Operation: Monday - Friday 8:00am-5:00pm PST</td> <td>Monday - Friday 8:00am-5:00pm CST</td> </tr> </table> <p>1.4 Emergency telephone number Medical Emergency: 911 Chemical Emergency: (800) 424-9300</p>			Postal Address: 81 M Street, Fresno, CA 93721 USA	1401 Ware Street, Waupaca, WI 54981 USA	Telephone Number: (01)(559) 485-2692 [USA] (product info)	(01)(715) 258-5525 [USA] (product info)	Hours of Operation: Monday - Friday 8:00am-5:00pm PST	Monday - Friday 8:00am-5:00pm CST
Postal Address: 81 M Street, Fresno, CA 93721 USA	1401 Ware Street, Waupaca, WI 54981 USA							
Telephone Number: (01)(559) 485-2692 [USA] (product info)	(01)(715) 258-5525 [USA] (product info)							
Hours of Operation: Monday - Friday 8:00am-5:00pm PST	Monday - Friday 8:00am-5:00pm CST							
Section 2 - HAZARDS IDENTIFICATION								
<p>2.1 Classification of the substance or mixture: GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Acute Toxicity, Oral (Category 4) Skin Irritation (Category 2) Eye Irritation (Category 2A) STOT SE, Respiratory System (Category 3)</p> <p>2.2 Label Elements Hazard Pictogram(s): </p> <p style="text-align: right;">Signal Word: Warning</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Hazard Statements: Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.</p> </td> <td style="width: 50%; vertical-align: top;"> <p>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 eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor/ physician if you feel unwell. 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. Call a poison center/doctor if you feel unwell. Store in a well ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/ container to an approved waste disposal plant.</p> </td> </tr> </table>			<p>Hazard Statements: Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.</p>	<p>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 eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor/ physician if you feel unwell. 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. Call a poison center/doctor if you feel unwell. Store in a well ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/ container to an approved waste disposal plant.</p>				
<p>Hazard Statements: Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.</p>	<p>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 eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor/ physician if you feel unwell. 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. Call a poison center/doctor if you feel unwell. Store in a well ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/ container to an approved waste disposal plant.</p>							
Section 3 - COMPOSITION / INFORMATION on INGREDIENTS								
The identity of the individual components of this product is proprietary information and is considered a trade secret pursuant to 29 CFR 1910.1200								
<u>Ingredient(s)</u>	<u>Common Name & Synonyms</u>	<u>Percentage</u>	<u>CAS No.</u>					
Potassium Carbonate	NA	1-30%	584-08-7					
Proprietary Mixture	NA	70-100%	NA					
Section 4 - FIRST AID MEASURES								
<p>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 physician.</p> <p>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. Chronic Effects: No Data Available</p> <p>4.3 Indication of any immediate medical attention and special treatment needed Treatment: No special advice, treat symptomatically.</p>								

	Gusmer Enterprises, Inc.®		Issue Date: 05/19/15	
			Version: 1.0	
SAFETY DATA SHEET FORM				
Product Identifier:		Kolorfine®		
Section 5 - FIREFIGHTING MEASURES				
<p>5.1 Extinguishing Media Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.</p> <p>5.2 Special hazards arising from the substance or mixture No further relevant information available.</p> <p>5.3 Advice for firefighters As in any fire, wear NIOSH-approved self contained breathing apparatus and appropriate protective clothing.</p> <p>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.</p>				
Section 6 - ACCIDENTAL RELEASE MEASURES				
<p>6.1 Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.</p> <p>6.2 Environmental precautions Do not let product enter drains.</p> <p>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. Minimize compressed air blowdown or other practices that generate high dust levels.</p> <p>See Section 8 for appropriate personal protective equipment.</p>				
Section 7 - Handling and Storage				
<p>7.1 Precautions for safe handling Avoid contact 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.</p> <p>7.2 Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well-ventilated place.</p> <p>See Section 8 for OSHA permissible exposure limit(s)</p>				
Section 8 - EXPOSURE CONTROL / PERSONAL PROTECTION				
<p>8.1 Control parameters Contains no substances with occupational exposure limit values.</p> <p>8.2 Exposure controls</p> <p>Normal Handling Conditions Engineering Controls: 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.</p> <p>Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.</p> <p>Respiratory Protection: For nuisance exposures use type P95 particle respirator. For higher level protection use type OV/AG/P99 respirator cartridges.</p> <p>Eye Protection: ANSI Z87+ approved dust goggles or safety glasses, if necessary, to avoid eye irritation.</p> <p>Skin Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper removal technique to avoid skin contact with this product.</p> <p>General Hygiene: Maintain good housekeeping practices, wash hands after handling, avoid direct eye contact. Clean up areas where dust settles to avoid excessive accumulation of this combustible material. Minimize compressed air blowdown or other practices that generate high airborne-dust concentrations.</p>				
Section 9 - PHYSICAL and CHEMICAL PROPERTIES				
<p>9.1 Information on basic physical and chemical properties</p> <p>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 Explosive Limits: LEL: No Data Available UEL: No Data Available Kst: No Data Available Vapor Pressure: No Data Available Vapor Density: 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</p>				

	Gusmer Enterprises, Inc.®	Issue Date: 05/19/15 Version: 1.0																																													
	SAFETY DATA SHEET FORM																																														
Product Identifier:		Kolorfine®																																													
Section 10 - STABILITY and REACTIVITY																																															
<p>10.1 Reactivity No Data Available</p> <p>10.2 Chemical stability Stable under recommended storage conditions.</p> <p>10.3 Possibility of hazardous reactions No Data Available</p> <p>10.4 Conditions to avoid Avoid contact with oxidizing agents.</p> <p>10.5 Incompatible materials Acids, Strong oxidizing agents</p> <p>10.6 Hazardous decomposition products CO₂, CO, smoke</p>																																															
Section 11 - TOXICOLOGY INFORMATION																																															
<p>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.</p> <table border="1"> <thead> <tr> <th></th> <th>Toxicity Test</th> <th>Exposure Route</th> <th>Dose</th> <th>Observed Effect</th> </tr> </thead> <tbody> <tr> <td>Acute Toxicity:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Potassium Carbonate:</td> <td>LD₅₀ (Rat)</td> <td>Oral</td> <td>1,870 mg/kg</td> <td>Not Available</td> </tr> <tr> <td>Skin Corrosion/Irritation:</td> <td colspan="4">Irritant to skin.</td> </tr> <tr> <td>Serious Eye Damage/Eye Irritation:</td> <td colspan="4">Irritating effect.</td> </tr> <tr> <td>Respiratory or Skin Sensitization:</td> <td colspan="4">No sensitizing effects known.</td> </tr> <tr> <td>STOT - Single Exposure:</td> <td colspan="4">May cause upper respiratory tract irritation.</td> </tr> <tr> <td>STOT - Repeated Exposure:</td> <td colspan="4">No Data Available</td> </tr> <tr> <td>Aspiration Hazard:</td> <td colspan="4">No Data Available</td> </tr> </tbody> </table> <p>11.2 Further Information</p> <p>Mutagenicity: No Data Available</p> <p>Productive Toxicity: No Data Available</p> <p>Carcinogenicity: Not classified as a carcinogen by OSHA, NTP, or IARC in their reviews. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP. 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.</p>				Toxicity Test	Exposure Route	Dose	Observed Effect	Acute Toxicity:					Potassium Carbonate:	LD ₅₀ (Rat)	Oral	1,870 mg/kg	Not Available	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			
	Toxicity Test	Exposure Route	Dose	Observed Effect																																											
Acute Toxicity:																																															
Potassium Carbonate:	LD ₅₀ (Rat)	Oral	1,870 mg/kg	Not Available																																											
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																																														
Section 12 - ECOLOGICAL INFORMATION																																															
<p>12.1 Toxicity Potassium Carbonate: Toxicity to fish - LC50 - Pimephales promelas (flathead minnow) - < 510 mg/l - 96h.</p> <p>12.2 Persistence and degradability No Data Available</p> <p>12.3 Bioaccumulative potential No Data Available</p> <p>12.4 Mobility in soil No Data Available</p> <p>12.5 Other adverse effects No Data Available</p>																																															
Section 13 - DISPOSAL CONSIDERATIONS																																															
<p>Substance: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.</p>																																															
Section 14 - TRANSPORTATION INFORMATION																																															
<p>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</p>																																															
Section 15 - REGULATORY INFORMATION																																															
<p>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</p> <p>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.</p>																																															

	Gusmer Enterprises, Inc. [®]	Issue Date: 05/19/15 Version: 1.0
SAFETY DATA SHEET FORM		
Product Identifier:	Kolorfine [®]	
Section 16 - OTHER INFORMATION		
Product Number(s):	KOLORFINE, KOLFINPLUS	
Prepared By:	Gusmer Enterprises, Inc.	Name of Preparer: Eric Anderson Title: Safety, Compliance & GMP Manager Date: 5/19/2015
DISCLAIMER: While the information in this document is based on data which, to the best of our knowledge, was accurate and reliable at the time of preparation, no responsibility can be accepted by us for errors or omissions. The provision of this information should not be construed as a recommendation to use any of our products in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances. Since the information contained in this document may be applied under conditions beyond our control, we can accept no responsibility for any loss or damage caused by any person acting or refraining from acting as a result of this information.		
GHS Hazard Warning Label		
<div style="border: 1px solid black; padding: 10px; margin: auto; width: 80%;"> <p style="text-align: center; margin: 0;">Kolorfine[®]</p> <div style="text-align: center;">  </div> <p style="text-align: center; margin: 5px 0;">WARNING: Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.</p> <p style="text-align: center; margin: 5px 0;">Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor/ physician if you feel unwell.</p> <p style="text-align: center; margin: 5px 0;">Wear protective gloves/protective clothing/eye protection/face protection. Wash skin thoroughly after handling. Do not eat, drink or smoke when using product.</p> <p style="text-align: center; margin: 5px 0;">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.</p> <p style="text-align: center; margin: 5px 0;">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.</p> <p style="text-align: center; margin: 5px 0;">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.</p> <p style="text-align: center; margin: 5px 0;">Gusmer Enterprises Inc. 81 M St. Fresno, CA 93721 (559) 485-2692</p> <p style="text-align: center; margin: 5px 0;">CONSULT SDS FOR ADDITIONAL INFORMATION ON HAZARD</p> <p style="text-align: right; margin: 5px 0;">V1.0</p> </div>		