
 <b>Gusmer Enterprises, Inc.*</b>	Issue Date: 09/07/18 Version: 2.0								
<b>SAFETY DATA SHEET FORM</b>									
<b>Product Identifier: Kick Carrageenan G</b>									
<b>Section 1 - PRODUCT and COMPANY IDENTIFICATION</b>									
<p><b>1.1 Product Identifier</b>          Product Name: Kick Carrageenan G          Product Code(s): KICKCARR-G-10KG          Chemical Name: Mixture          Synonyms: NA</p> <p><b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>          Intended Product Use: Used as a fining agent in brewing applications. Not intended for direct consumption          Uses Advised Against: NA</p> <p><b>1.3 Details of the supplier of the safety data sheet</b>          Manufacturer/Distributor: Gusmer Enterprises, Inc.</p> <table style="width: 100%; border: none;"> <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</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><b>1.4 Emergency telephone number</b>          Medical Emergency: 911          Chemical Emergency: (800) 424-9300</p>		Postal Address: 81 M Street, Fresno, CA 93721 USA	1401 Ware Street, Waupaca, WI 54981	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								
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								
<b>Section 2 - HAZARDS IDENTIFICATION</b>									
<p><b>2.1 Classification of the substance or mixture:</b>  <b>GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)</b>          This product, as shipped, is not regulated as an OSHA hazardous material when used in its normal state and use.</p> <p><b>2.2 Label Elements</b>  <b>Hazard Pictogram(s):</b> Not Applicable  <b>Signal Word:</b> Not Applicable  <b>Hazard Statements:</b> Not Applicable  <b>Precautionary Statements:</b> Not Applicable</p> <p>Appearance/Odor: Off white to tan. Odorless to slightly marine.          Other Hazards: Choking hazard if directly ingested</p>									
<b>Section 3 - COMPOSITION / INFORMATION on INGREDIENTS</b>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Ingredient(s)</u></th> <th style="text-align: left;"><u>Common Name &amp; Synonyms</u></th> <th style="text-align: left;"><u>Percentage</u></th> <th style="text-align: left;"><u>CAS No.</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Carrageenan</td> <td style="text-align: center;">NA</td> <td style="text-align: center;">100%</td> <td style="text-align: center;">9000-07-1</td> </tr> </tbody> </table>		<u>Ingredient(s)</u>	<u>Common Name &amp; Synonyms</u>	<u>Percentage</u>	<u>CAS No.</u>	Carrageenan	NA	100%	9000-07-1
<u>Ingredient(s)</u>	<u>Common Name &amp; Synonyms</u>	<u>Percentage</u>	<u>CAS No.</u>						
Carrageenan	NA	100%	9000-07-1						
<b>Section 4 - FIRST AID MEASURES</b>									
<p><b>4.1 Description of the first aid measures</b>          Eye Contact: Flush eyes with water for at least 15 minutes. Seek medical attention if eye irritation develops or persists.          Skin Contact: Wash with soap and water and rinse for at least 5 minutes.          Inhalation: Move to a well ventilated area. Seek medical attention if breathing becomes difficult.          Ingestion: Accidental direct ingestion may cause choking. Seek immediate medical attention.</p> <p><b>4.2 Most important symptoms and effects, both acute and delayed</b>          Eye Contact: May cause eye irritations. Avoid direct contact with eyes and excessive dust.          Skin Contact: Dust may cause irritation if allowed to accumulate.          Inhalation: Excessive airborne dust may cause irritation.          Ingestion: Accidental direct ingestion may cause choking. Seek immediate medical attention.</p> <p>Chronic Effects: NA</p> <p><b>4.3 Indication of any immediate medical attention and special treatment needed</b>  <b>Treatment:</b> Aspiration or inhalation of this product could cause chemical pneumonitis. Treatment is symptomatic and supportive.</p>									
<b>Section 5 - FIREFIGHTING MEASURES</b>									
<p><b>5.1 Extinguishing Media</b>          Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.</p> <p><b>5.2 Special hazards arising from the substance or mixture</b>          No further relevant information available.</p> <p><b>5.3 Advice for firefighters</b>          As in any fire, wear NIOSH-approved self contained breathing apparatus and appropriate protective clothing.</p>									
<b>Section 6 - ACCIDENTAL RELEASE MEASURES</b>									
<p><b>6.1 Personal precautions, protective equipment and emergency procedures</b>          Use personal protective equipment. Avoid dust inhalation and skin contact.</p> <p><b>6.2 Environmental precautions</b>          Prevent product from entering drains. Discharge in accordance with federal, state and local laws.</p> <p><b>6.3 Methods and materials for containment and cleaning up</b>          Dike spill if material is wet. Product may become slippery when wet. If spill is wet, absorb with inert material. If spill is dry, sweep or vacuum. See Section 13 for disposal.          See Section 8 for appropriate personal protective equipment.</p>									
<b>Section 7 - Handling and Storage</b>									
<p><b>7.1 Precautions for safe handling</b>          Handle in accordance with good industrial hygiene and safety practice. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powdered material can build static electricity when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmosphere. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment if release of airborne dust is expected. See Section 8 for more information.</p> <p><b>7.2 Conditions for safe storage, including any incompatibilities</b>          Store in a clean, cool, dry location.          See Section 8 for OSHA permissible exposure limit(s)</p>									

	Gusmer Enterprises, Inc.®	Issue Date: 09/07/18 Version: 2.0
	<b>SAFETY DATA SHEET FORM</b>	
Product Identifier:		Kick Carrageenan G
<b>Section 8 - EXPOSURE CONTROL / PERSONAL PROTECTION</b>		
8.1 Control parameters	This product, as supplied,	
	<b>OSHA PEL</b>	<b>ACGIH</b>
<b>Particles not otherwise classified (PNOC)</b>	PEL-TWA 15 mg/m <sup>3</sup> Total Dust (PNOR) PEL-TWA 5 mg/m <sup>3</sup> Respirable Dust (PNOR)	TLV-TWA 10 mg/m <sup>3</sup> Inhalable Fraction TLV-TWA 3 mg/m <sup>3</sup> Respirable Fraction
		<b>NIOSH REL</b> NA
8.2 Exposure controls	<b>Normal Handling Conditions</b>	
Engineering Controls:	Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.	
Respiratory Protection:	If dust levels are suspected to be over PEL, wear a NIOSH approved N95 or greater respirator.	
Eye Protection:	ANSI Z87+ approved dust goggles or safety glasses, if necessary, to avoid eye irritation.	
Skin Protection:	Cover skin with clothing and/or gloves if skin dryness or irritation occurs.	
General Hygiene:	Maintain good housekeeping practices, wash hands after handling, avoid direct eye contact.	
<b>Section 9 - PHYSICAL and CHEMICAL PROPERTIES</b>		
9.1 Information on basic physical and chemical properties		
Physical State:	Granules or powder	
Color:	Off white to tan	
Odor:	Odorless to slightly marine.	
Odor Threshold:	None	
pH:	5-11	
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:	No Data Available	
Vapor Pressure:	No Data Available	
Vapor Density:	No Data Available	
Relative Density:	0.5-0.8 g/cc	
Solubility(ies):	Soluble in >70°C water. Gets on cooling.	
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	
<b>Section 10 - STABILITY and REACTIVITY</b>		
10.1 Reactivity	Mild reactivity with water.	
10.2 Chemical stability	Stable in dry, ambient environments.	
10.3 Possibility of hazardous reactions	NA	
10.4 Conditions to avoid	Avoid humid or hot conditions.	
10.5 Incompatible materials	NA	
10.6 Hazardous decomposition products	NA	
<b>Section 11 - TOXICOLOGY INFORMATION</b>		
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.	
Acute Toxicity:		
Oral LD <sub>50</sub>	5,650mg/kg (Rat)	
Inhalation	>0.93 mg/l (4h) (Rat)	
Skin Corrosion/Irritation:	Dust can cause irritation if allowed to accumulate.	
Serious Eye Damage/Eye Irritation:	Direct contact with eyes or excess airborne dust can cause eye irritation.	
Respiratory or Skin Sensitization:	Airborne powder in high concentration may cause irritation. See Section 8 for exposure limits.	
STOT - Single Exposure:	Not Classified	
STOT - Repeated Exposure:	Not Classified	
Aspiration Hazard:	Aspiration may cause chemical pneumonitis. Excessive inhalation of dust can mechanically impede respiration.	
11.2 Further Information		
Mutagenicity:	None Known	
Productive Toxicity:	None Known	
Carcinogenicity:	Not Classified	

