



Gusmer Enterprises, Inc.®

Issue Date: 09/07/18  
Version: 2.0

## SAFETY DATA SHEET FORM

Product Identifier: Kick Carrageenan T/Micro-T

## Section 1 - PRODUCT and COMPANY IDENTIFICATION

## 1.1 Product Identifier

Product Name: Kick Carrageenan T/Micro-T  
 Product Code(s): KICKCARR-T-1KG, KICKCARR-T-10KG, KICKCARR-MT-1KG, KICKCARR-MT-10KG  
 Chemical Name: Mixture  
 Synonyms: NA

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

Intended Product Use: Used as a fining agent in brewing applications. Not intended for direct consumption  
 Uses Advised Against: NA

## 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 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

## 1.4 Emergency telephone number

Medical Emergency: 911  
 Chemical Emergency: (800) 424-9300

## Section 2 - HAZARDS IDENTIFICATION

## 2.1 Classification of the substance or mixture:

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

Eye Damage/Irritation: Category 2A  
 Skin Corrosion/Irritation: Category 2  
 Specific Target Organ Toxicity (Single Exposure): Respiratory System - Category 3

## 2.2 Label Elements

## Hazard Pictogram(s):



Signal Word: Warning

## Hazard Statements:

Causes serious eye irritation  
 Causes skin irritation  
 May cause respiratory irritation

## Precautionary Statements:

Wear protective gloves/protective clothing/eye protection/face protection.  
 Wash face, hands and any exposed skin thoroughly after handling.  
 Avoid breathing dust/fume/gas/mist/vapors/spray.  
 Use only outdoors or in a well ventilated area.  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists: Get medical attention.  
 If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.  
 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center 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.

Appearance/Odor: Off white to tan. Odorless to slightly marine.  
 Other Hazards: Choking hazard if directly ingested

## Section 3 - COMPOSITION / INFORMATION on INGREDIENTS

Ingredient(s)	Common Name & Synonyms	Percentage	CAS No.
Carrageenan	NA	20-40%	9000-07-1
Sodium Bicarbonate	NA	26-50%	144-55-8
Malic Acid	NA	20-30%	6915-15-7

Any remaining components do not contribute to the hazards of this material.

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

## Section 4 - FIRST AID MEASURES

## 4.1 Description of the first aid measures

Eye Contact: Flush eyes with water for at least 15 minutes. Seek medical attention.  
 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.

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

Eye Contact: Eye irritant. May cause serious eye irritation or eye burns. Avoid direct contact with eyes and excessive dust.  
 Skin Contact: Skin irritant. Avoid excessive accumulation of product on skin.  
 Inhalation: Excessive airborne dust may cause irritation.  
 Ingestion: Seek medical attention if directly ingested. Choking hazard.

Chronic Effects: NA

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

Treatment: Aspiration or inhalation of this product could cause chemical pneumonitis. Treatment is symptomatic and supportive.

## 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.



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## Section 6 - ACCIDENTAL RELEASE MEASURES

## 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust inhalation and skin contact.

## 6.2 Environmental precautions

Prevent product from entering drains. Discharge in accordance with federal, state and local laws.

## 6.3 Methods and materials for containment and cleaning up

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.

## Section 7 - Handling and Storage

## 7.1 Precautions for safe handling

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.

## 7.2 Conditions for safe storage, including any incompatibilities

Store in a clean, cool, dry location.

See Section 8 for OSHA permissible exposure limit(s)

## Section 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Particles not otherwise classified (PNOC)	OSHA PEL	ACGIH	NIOSH REL NA
	PEL-TWA 15 mg/m <sup>3</sup> Total Dust (PNOR)	TLV-TWA 10 mg/m <sup>3</sup> Inhalable Fraction	
PEL-TWA 5 mg/m <sup>3</sup> Respirable Dust (PNOR)		TLV-TWA 3 mg/m <sup>3</sup> Respirable Fraction	

## 8.2 Exposure controls

## Normal Handling Conditions

Engineering Controls: For occupational/workplace settings: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. 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.

## Section 9 - PHYSICAL and CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

Physical State:	Solid
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. Gels 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

## Section 10 - STABILITY and REACTIVITY

## 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



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## 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.

**Acute Toxicity:**

Oral LD<sub>50</sub> 7.3 g/kg  
Dermal LD<sub>50</sub> >4.7 mg/l/4h  
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 serious eye damage and irritation.

**Respiratory or Skin Sensitization:** Airborne powder in high concentration may cause irritation. See Section 8 for exposure limits.

**Ingestion:** Sodium Bicarbonate - Large doses may produce systemic alkalosis and expansion in extracellular fluid volume with edema.

**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

## Section 12 - ECOLOGICAL INFORMATION

## 12.1 Toxicity

No Data Available

## 12.2 Persistence and degradability

Product is biodegradable

## 12.3 Bioaccumulative potential

Not expected to bioaccumulate.

## 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

**International Inventories:**

**Malic Acid:** TSCA: Yes | DSL: Yes | NDSL: No | EINECS: 230-022-8 | ELINCS: No | NLP: No | PICCS: Yes | ENCS: Yes | AICS: Yes | IECSC: Yes | KECL: Yes  
**Sodium Bicarbonate:** TSCA: Yes | DSL: Yes | NDSL: No | EINECS: 205-633-8 | ELINCS: No | NLP: No | PICCS: Yes | ENCS: Yes | AICS: Yes | IECSC: Yes | KECL: Yes

CERCLA: Not Applicable

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: See section 2 for more information

**California Prop. 65 Components:**

This product does not contain any Proposition 65 chemicals.

## Section 16 - OTHER INFORMATION

**Product Names/Number(s):**

Kick Carrageenan T - KICKCARR-T-1KG  
Kick Carrageenan T - KICKCARR-T-10KG  
Kick Carrageenan Micro-T - KICKCARR-MT-1KG  
Kick Carrageenan Micro-T - KICKCARR-MT-10KG

**Prepared By:** Gusmer Enterprises, Inc.

**Name of Preparer:** Eric Anderson

**Title:** Corporate Safety & Regulatory Manager

**Date:** 9/7/2018

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**SAFETY DATA SHEET FORM**Product Identifier: **Kick Carrageenan T/Micro-T****GHS Hazard Warning Label**

Kick Carrageenan T/Micro-T:



**Warning:**  
Causes serious eye irritation  
Causes skin irritation  
May cause respiratory irritation

Wear protective gloves/protective clothing/eye protection/face protection. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/mist/vapors/spray. Use only outdoors or in a well ventilated area. If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists get medical attention. If on skin: wash with plenty of water. If skin irritation occurs get medical attention. Take off contaminated clothing. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center 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.

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**CONSULT SDS FOR ADDITIONAL INFORMATION ON HAZARD**

V2.0