

## CARRAGEENAN (KAPPA) REFINED

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** CARRAGEENAN (KAPPA) REFINED  
**Product Code:** TBF 206  
**CAS#:** Not available  
**Synonym:** Not available  
**Chemical Name:** Not available  
**Chemical Formula:** Not available  
**Formula Weight:** Not available

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:**  
**Name:** CARRAGEENAN (Kappa) Refined  
**Toxicological Data on Ingredients:** Not available

### SECTION 3: HAZARDS IDENTIFICATION

**Classification of the substance or mixture:**  
Classification according to Regulation (EC) No 1272/2008  
**Potential Acute Health Effects:** Hazardous in case of inhalation. Slightly hazardous in case of eye contact (irritant), of ingestion  
**Potential Chronic Health Effects:** Not available  
**Mutagenic Effects:** Not available  
**Teratogenic Effects:** Not available  
**Developmental Toxicity:** Not available  
**Specific target organ toxicity -** Not available

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.  
**Skin Contact:** Wash off immediately with soap and plenty of water. Cover the irritated skin with emollient. Immediate medical attention is required.  
**Serious Skin Contact:** Not available  
**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.  
**Serious Inhalation:** Not Available  
**Ingestion:** Do Not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.  
**Serious Ingestion:** Not available

### SECTION 5: FIRE FIGHTING MEASURES

**Flammability of the Product:** May be combustible at high temperature  
**Auto-Ignition Temperature:** Not available  
**Flash Points:** Not available  
**Flammable Limits:** Not available



**Products of Combustion:** Carbon Oxides

**Fire Hazards in Presence of Various Substances:** Not applicable

Explosion Hazards in Presence of Various Substances:

**Risks of explosion of the product in presence of mechanical impact:** Not available

**Risks of explosion of the product in presence of static discharge:** Not available

**Fire Fighting Media and Instructions:**

**SMALL FIRE:** Use DRY chemical powder

**LARGE FIRE:** Use water spray, fog or foam. Do not use water jet.

**Special Remarks on Fire Hazards:** Not available

**Special Remarks on Explosion Hazards:** Not available

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal precautions and emergency procedures

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

#### Environmental precautions

Do not let product enter drains.

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

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions

Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

### SECTION 7: HANDLING AND STORAGE

**Precautions:** Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.

**Storage:** Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eye/face protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

**Respiratory protection:** Respiratory protection is not required. If protection from nuisance levels of dusts are desired, use type N95 or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and appearance</b>	:	Solid, powder
<b>Odor</b>	:	Not available
<b>Color</b>	:	yellowish or tan to white
<b>Molecular Weight</b>	:	Not available
<b>pH</b>	:	8-11
<b>Boiling Point</b>	:	Not available
<b>Melting Point</b>	:	Not available
<b>Critical Temperature</b>	:	Not available
<b>Specific Gravity</b>	:	Not available
<b>Vapor Pressure</b>	:	Not available



Vapor Density	:	Not available
Volatility	:	Not available
Odor Threshold	:	Not available
Water/Oil Dist. Coeff.	:	Not available
Ionicity (in Water)	:	Not available
Dispersion Properties	:	Not available
Solubility	:	Not available

**SECTION 10: STABILITY AND REACTIVITY DATA**

**Stability:** The product is chemically stable under standard ambient conditions (room temperature)  
**Instability Temperature:** Not available  
**Conditions of Instability:** Not available  
**Incompatibility with various substances:** Not available  
**Special Remarks on Corrosivity:** Non-corrosive.  
**Special Remarks on Reactivity:** Not available  
**Possibility of hazardous reactions:** Not available  
**Hazardous decomposition products:** In the event of fire

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** Not available  
**Inhalation:** Not available  
**Dermal:** Not available  
**Routes of Entry:** Not available  
**Toxicity to Animals:** Not available  
**Chronic Effects on Humans:** Not available  
**Other Toxic Effects on Humans:** Hazardous in case of ingestion. Slightly hazardous in case of inhalation  
**Special Remarks on Toxicity to Animals:** Not available  
**Special Remarks on other Toxic Effects on Humans:** Not available  
**Reproductive toxicity:** Not available

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Not available  
**BOD and COD:** Not available  
**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.  
**Toxicity of the Products of Biodegradation:** The products of degradation are more toxic.  
**Special Remarks on the Products of Biodegradation:** Not available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**SECTION 14: TRANSPORT INFORMATION**

**UN number:**  
**ADR/RID:** **IMDG:** **IATA:**  
**UN proper shipping name**  
**ADR/RID:** Not dangerous goods



## MATERIAL SAFETY DATA SHEET

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

**Transport hazard class (es):**

**ADR/RID:**

**IMDG:**

**IATA:**

**Packaging group:**

**ADR/RID:**

**IMDG:**

**IATA:**

**Environmental hazards:**

**ADR/RID:** No

**IMDG Marine pollutant:** No

**IATA:** No

### SECTION 15: REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture:** This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Chemical Safety Assessment:** For this product a chemical safety assessment was not carried out

### SECTION 16: OTHER INFORMATION

**References: Full text of H AND R-Statements:** Not available

**Federal and State Regulations:** TSCA 8(b) inventory: CARRAGEENAN (KAPPA) REFINED.

**Other Special Considerations:** Not available

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