

Dharma Trading Co.
1805 South McDowell
Boulevard Ext.
Petaluma, CA 94954

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

CHEMICAL NAME: Carrageenan
TRADE NAME: Carrageenan FD434
USE: Food, Pharmaceutical or Industrial

Emergency/Information Telephone: (518) 696-9900
National Poison Control Center (any day/time): (412) 681-6669

SECTION 2 - HEALTH HAZARD INFORMATION

PRIMARY ROUTE OF ENTRY: Inhalation, eye and skin contact

SYMPTOMS AND EFFECTS OF ACUTE OVEREXPOSURE:

Inhalation of the dust and eye contact may cause irritation.

May be irritating to the skin of a sensitive person.

CHRONIC OVEREXPOSURE: Same as above.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY THIS MATERIAL: None

OSHA HAZARDS: No know OSHA hazards. Not a dangerous substance according to GHS

HMS (U.S.A.):

Health Hazard: 0

Fire Hazard: 1

Reactivity: 0

National Fire Protection Association (U.S.A.):

Health: 0

Flammability: 0

Reactivity: 0

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

SECTION 3 – COMPOSITION

Carrageenan is manufactured by hot aqueous extraction of Rhodophyceae species of seaweed and purified by alcohol precipitation for use in the food, cosmetic and pharmaceutical industries.

CAS NO: 9064-57-7

λ -Carrageenan

Technical Data

SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with large volume of water.

SKIN CONTACT: Wash with warm water and mild soap.

INHALATION: Remove from exposure.

NOTE: If irritation persists, consult physician.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not determined

EXTINGUISHING MEDIA: Water, Carbon Dioxide, Foam.

SPECIAL FIREFIGHTING PROCEDURES: Fire fighters should wear full protective clothing, including self-contained breathing equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: A potential dust explosion hazard exists if the dust concentration in the air is high.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Dry Powder - Sweep up or vacuum promptly and put into a disposable container. Wet material becomes slippery. Wash with water solution or apply absorbent material, sweep up and wash area.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING AND STORAGE: Store in dry place. Keep container closed to avoid moisture pick-up. Practice reasonable care and cleanliness.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING: Use local exhaust ventilation to maintain minimal exposure to nuisance dust.

PERSONAL PROTECTIVE EQUIPMENT: Use approved respirator if dust becomes a nuisance.

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PERSONAL PROTECTIVE EQUIPMENT: Use approved respirator if dust becomes a nuisance.

Technical Data

SECTION 9 - PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE: White to light beige, powder

ODOR: No distinguishable odor.

ODOR THRESHOLD: No applicable information is available

PH: 7-10

MELTING POINT/FREEZING POINT: No applicable information is available

INITIAL BOILING POINT AND BOILING POINT RANGE: No applicable information is available

FLASH POINT: No applicable information is available

EVAPORATION RATE: No applicable information is available

FLAMMABILITY: No applicable information is available

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: No applicable information is available

VAPOR PRESSURE: No applicable information is available

RELATIVE DENSITY: No applicable information is available

SOLUBILITY: Cold

PARTITION COEFFICIENT: No applicable information is available

AUTO-IGNITION TEMPERATURE: A potential dust explosion hazard exists if high concentration of dust

DECOMPOSITION TEMPERATURE: No applicable information is available

VISCOSITY: 300-600 cPs

REACTIVITY: Stable

CHEMICAL STABILITY: Stable

POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur.

CONDITIONS TO AVOID: Water, product will become slippery

INCOMPATIBLE MATERIALS: Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide.

SECTION 10 - REACTIVITY DATA

STABILITY: Stable

MATERIALS TO AVOID: Strong oxidizers.

CONDITIONS TO AVOID: Water, product will become slippery

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Inhalation. Ingestion.

TOXICITY TO ANIMALS: LD50 Oral-Rat >5,000 mg/kg LD50 Dermal- Rabbit >2,000 mg/kg

CHRONIC EFFECTS ON HUMANS: Not available.

OTHER TOXIC EFFECTS ON HUMANS: Not available.

Technical Data

SPECIAL REMARKS ON TOXICITY TO ANIMALS: Not available.

SPECIAL REMARKS ON CHRONIC EFFECTS ON HUMANS: Not available.

SPECIAL REMARKS ON OTHER TOXIC EFFECTS ON HUMANS:

Acute Potential Health Effects:

Skin: Not available.

Eyes: Not available.

Inhalation: May cause respiratory tract irritation. Low hazard for usual handling.

Ingestion: Not available.

SECTION 12 ECOLOGICAL INFORMATION

TOXICITY: Toxicity to fish (LC50): 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 product itself and its products of degradation are not toxic.

SPECIAL REMARKS ON THE PRODUCTS OF BIODEGRADATION: Not available.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

LAND TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS
INLAND NAVIGATION TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS
SEA SHIPPING TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS
AIR TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS

SECTION 15 – REGULATORY INFORMATION

OSHA Hazards

No known OSHA hazards

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold

(De Minimis) reporting levels established by SARA Title III, Section 313.

Technical Data

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Carrageenan Cas# 9064-5 7-7

Revision Date

New Jersey Right To Know Components

Carrageenan Cas# 9064-5 7-7

Revision Date

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 – OTHER INFORMATION

REVIEWED: January 2022



Dharma Trading Co.
FIBER ART SUPPLIES & CLOTHING BLANKS SINCE 1969