

Barentz.

Barentz
151 Ocean State Drive
N. Kingstown, R.I., 02852
United States
(401) 722 2410

PRODUCT: MarQuat™ C-17**CODE: LI-04-M559****SECTION 01: IDENTIFICATION**

Product Code..... LI-04-M559
 Product Identifier..... MarQuat™ C-17
 INCI Name..... Guar Hydroxypropyl Trimonium Chloride.
 Recommended use of product and any ... Personal Care. Application: Polymer. No known restrictions.
 restrictions
 Initial Supplier Identifier..... Barentz
 151 Ocean State Drive
 N. Kingstown
 R.I.
 United States
 02852
 (401) 722 2410
 Emergency Telephone Number and CHEMTREC 1-800-424-9300 .
 Restrictions

SECTION 02: HAZARD IDENTIFICATION

Classification of the substance or mixture. Hazardous to the aquatic environment, acute hazard - Category 1. Hazardous to the aquatic environment, long-term hazard - Category 1.
 Signal Word..... WARNING.
 Hazard Statements..... H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.
 Precautionary Statements - EU (SS28, 1272/2008)
 Prevention..... P273 Avoid release to the environment.
 Response..... P391 Collect spillage.
 Storage..... Not applicable.
 Disposal..... P501 Dispose of contents and container to an approved waste disposal plant.
 2.3 OTHER HAZARDS..... Not Applicable.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Guar Hydroxypropyl Trimonium Chloride	65497-29-2	99

SECTION 04: FIRST-AID MEASURES**FIRST AID MEASURES:**

Inhalation..... Move affected person to fresh air. Get medical attention if symptoms persists. .
 Skin Contact..... Wash affected areas with plenty of water and soap if available for several minutes. Get medical attention if symptoms persists. .
 Eye Contact..... Rinse thoroughly with plenty of water for at least 15 minutes. Seek medical attention if irritation develops or persists.
 Ingestion..... Drink plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention.
 Most Important symptoms and effects, both acute and delayed
 Inhalation No specific symptoms known.
 Ingestion No specific symptoms known.
 Skin Contact..... No specific symptoms known.
 Eye Contact..... No specific symptoms known.
 Medical attention and special treatment.... Treat Symptomatically.

PRODUCT: MarQuat™ C-17**CODE: LI-04-M559****SECTION 05: FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media..... Carbon Dioxide. Dry chemical. Foam.
 Unsuitable Extinguishing Media..... Not available.
 Specific hazards arising from the substance or mixture Burning produces noxious and toxic fumes.
 Special protective equipment and precautions for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Avoid contact with skin, eyes or clothing. Avoid breathing dust.
 Environmental precautions..... Avoid release to the environment.
 Methods and materials for containment and cleaning up Sweep or shovel spills. Contain in properly labeled containers. Avoid dust formation. Clean contaminated surfaces thoroughly.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling..... Use personal protection equipment. . Avoid contact with skin, eyes or clothing. . Avoid formation of dust. Avoid inhalation of dust. Keep away from sources of ignition - No smoking.
 Conditions for safe storage, including any incompatibles Keep containers tightly closed in a dry, cool and well-ventilated place. . Keep away from open flames, hot surfaces and sources of ignition.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Guar Hydroxypropyl Trimonium Chloride	Not available	Not available	Not available	Not available	Not available	Not available
Appropriate engineering controls.....	Use an enclosed system or with local exhaust ventilation.					
INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT:						
Eye/Type.....	Tight sealing safety goggles. Consult your supplier of personal protection for additional instructions on proper usage.					
Gloves/Type.....	Wear suitable gloves. . Consult your supplier of personal protection for additional instructions on proper usage.					
Footwear/Type.....	Wear proper safety boots. Consult your supplier of personal protection for additional instructions on proper usage.					
Clothing/Type.....	Wear adequate clothing to protect against skin contact. Consult your supplier of personal protection for additional instructions on proper usage.					
Respiratory/Type.....	Use respirators and components tested and approved under appropriate government standards such as NIOSH. Consult your supplier of personal protection for additional instructions on proper usage.					
Other/Type.....	Supply safety shower and eyewash station near handling area. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/physical state..... Yellowish. Pure and fine powder.
 Odour..... Slight Odour .
 Odour Threshold..... Not available.
 pH..... 9.0-10.5 at 1 % Aqueous solution.
 Melting/Freezing Point (°C)..... 180°C.
 Initial Boiling Point/Boiling Range (°C)..... Not available.
 Flash Point (°C)/Method..... Not available.
 Evaporation Rate..... Not available.
 Flammability (solid/gas)..... Not available.
 Upper Flammable Limit (% Vol)..... Not available.
 Lower Flammable Limit (% Vol)..... Not available.
 Vapour Pressure..... Not available.
 Relative Vapour Density..... Not available.
 Relative Density..... Not available.
 Solubility..... Slightly soluble in water.
 Specific Gravity..... Not available.
 Partition Coefficient - n-octanol/water..... Not available.
 Auto Ignition Temperature (°C)..... Not available.

PRODUCT: MarQuat™ C-17**CODE: LI-04-M559****SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Decomposition Temperature..... Not available.
 Viscosity (Kinematic)..... Not available.
 Particle Characteristics..... Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity..... The substance is stable under normal storage and handling conditions.
 Chemical stability..... Stable under normal conditions of use and storage.
 Possibility of hazardous reactions..... Hazardous polymerization does not occur.
 Conditions to avoid..... Heat, flame and other sources of ignition.
 Incompatible materials..... Strong oxidizing agents.
 Hazardous decomposition products..... Carbon dioxide (CO₂). Nitrogen oxides. Hydrogen chloride gas. Carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
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Guar Hydroxypropyl Trimonium Chloride	Not available	Not available
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Acute toxicity estimate (ATE)..... Oral: LD50 > 2000 mg/kg bw (rat).
 Inhalation..... Specific test data for the substance or mixture is not available.
 Ingestion..... Specific test data for the substance or mixture is not available.
 Skin contact..... Specific test data for the substance or mixture is not available.
 Eye contact..... May cause slight eye irritation.
 Symptoms related to the physical, chemical and toxicological characteristics
 Delayed and immediate effects, and chronic effects from short-term and long-term exposure
 Skin corrosion/irritation..... No Information Available.
 Serious eye damage/irritation..... May cause eye irritation.
 Respiratory or skin sensitization..... No information available.
 Germ cell mutagenicity..... No information available.
 Carcinogenicity..... No information available.
 Reproductive toxicity..... No information available.
 Aspiration hazard..... No information available.
 STOT - Single exposure..... No information available.
 STOT - Repeated exposure..... No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity..... LC50(96h, Fish): 0.44 mg/l.
 Persistence and degradability..... Partially biodegradable.
 Bioaccumulation Potential..... Not bioaccumulative.
 Mobility in soil..... Product adsorbs onto suspended material and dissolved organic material.
 Other adverse effects..... Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods..... Dispose of in accordance with local, provincial, and federal regulations. Dispose of in accordance with local, state and federal regulations.
 Waste classification..... Not regulated as a hazardous waste.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number Or ID Number..... UN3077.
 14.2 UN Proper Shipping Name..... ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Guar hydroxypropyl trimonium chloride).
 14.3 Transport Hazard Class(es)..... 9.
 14.4 Packing Group..... III.
 14.5 Environmental Hazards Yes.
 14.6 Special precautions for user See section 2.
 14.7 Maritime transport in bulk according to IBC08.
 IMO instruments
 Special precautions..... Not available.

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SECTION 15: REGULATORY INFORMATION

U.S. TSCA inventory status.....	This product is listed on the TSCA inventory and/or is exempt and is in compliance.
CEPA/DSL status.....	All components are listed on the DSL and/or is exempt.
CERCLA/SARA 302.....	None.
CERCLA/SARA 311/312.....	None.
CERCLA/SARA 313.....	None.
Proposition 65.....	This product does not contain any components regulated under California Proposition 65.

SECTION 16: OTHER INFORMATION

Disclaimer.....	The information contained in this SDS is based upon data obtained from the manufacturer. This information is offered only as a guide to the handling of this specific material and conditions. The use and handling of this material may require alternate and additional considerations. No representation or warranty of any kind whatsoever is given or implied by Barentz with respect to any information contained herein. In no event or circumstance shall Barentz be liable for any damages, losses, liabilities or injuries of any kind whatsoever arising from any information contained herein including, without limitation, all indirect, special or consequential damages or losses which may result from the information contained herein. .
Prepared by.....	Barentz Regulatory Department.
DATE OF THE LATEST REVISION OF ...	2024-02-07
THE SAFETY DATA SHEET	