

Section 1: Product & Company Information**Product Identifier:** MCTs (Medium Chain Triglycerides), Organic, Kosher**Other Means of Identification**

Product Number: 177026

Recommended Use and Restrictions on Use

Recommended Use: Skin Cosmetics, pharma excipient, food additives

Restrictions on Use: No data available.

Manufacturer / Importer / Supplier / Distributor Information**Company Name:** CORECHEM Inc.**Address:** 4320 Greenway Drive
Knoxville, TN 37918
USA**Information Telephone Number:** 1-865-524-4239**Fax Number:** 1-865-524-3375**Website:** www.corecheminc.com**Contact Person:** Regulatory Manager**E-mail:** regulatory@corecheminc.com**Emergency Phone Number:** Chemtrec® 1-800-424-9300 / Outside USA 1-703-527-3887 (monitored 24 hours/day)**Section 2: Hazards Identification****GHS Hazard Classification(s)**

Not classified as hazardous according to OSHA Hazard Communication Standard 29 CFR 1910.1200 (HazCom 2012).

Section 3: Composition/Information on Ingredients**Substance**

Chemical Identity ²	Common Name/Synonym(s)	CAS # ³	Weight %	Impurity or Stabilizing Additive
Medium Chain Triglycerides	Decanoyl- and octanoyl glycerides	73398-61-5	100	Not Classified

1. Information regarding the composition and the percent ranges of the mixtures ingredients are not presented as its Confidential Business Information (CBI). Where a medical emergency exists (as determined by medical professional), timely disclosure of CBI is assured. The information omitted pertains to only the names of the substances and the concentration in the mixture (product) and can only be requested by a doctor/physician or Local/State/Provincial or Federal Authority.

2. Non-hazardous ingredients are not presented as to protect the proprietary formula of the product.

3. "—" Indicates ingredient is a mixture and contains multiple ingredients or may have no identifying CAS number.

Section 4: First-Aid Measures**General Information**

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation

When symptoms occur go into open air and ventilate suspected area.

Skin Contact

Remove contaminated clothing. Drench affected area with water for at least 15 minutes. When in contact with skin, remove contaminated clothing. Wipe away excess material with dry towel. Then wash affected areas with plenty water, and mild soap if available, for several minutes. Do not attempt to neutralize with chemical agents. Get medical attention if irritation occurs.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion

Rinse mouth. Do not induce vomiting. Wash out mouth thoroughly with water. Drink plenty of water. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. In severe cases obtain medical attention.

Most important symptoms/effects, acute and delayed Symptoms

None expected under normal conditions of use.

Indication of immediate medical attention and special treatment needed**Hazards**

No data available.

Treatment

If medical advice is needed, have product container or label at hand.

Section 5: Fire-Fighting Measures**General Fire Hazards**

Material may pose fire hazard because it is dispersed (or spread) by water.

In case of fire and/or explosion do not breathe fumes. Use water spray to keep fire-exposed containers cool. Move containers from fire area if you can do so without risk. Water may be ineffective in fighting the fire. Fight fire from a protected location.

Suitable (and Unsuitable) Extinguishing Media**Suitable Extinguishing Media**

Use extinguishing media appropriate for surrounding fire. Dry chemical, carbon dioxide, water spray, fog. For large fire: Water spray.

Unsuitable Extinguishing Media

Do not use water jet. Use of heavy stream of water may spread fire.

Specific Hazards Arising from the Chemical

Not considered flammable but may burn at high temperatures.

Product is not explosive.

Special Protective Equipment and Precautions for Firefighters**Special Fire-Fighting Equipment Procedures**

Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

Special Protective Equipment for Fire-Fighters

As in any fire, wear self-contained breathing apparatus pressure-demand (OSHA/NIOSH approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures**Personal Precautions, Protective Equipment and Emergency Procedures**

Avoid high pressure or generation of aerosols. Material can create slippery conditions.

Evacuate spill area. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Stay upwind and keep out of low area. Remove all possible sources of ignition in the surrounding area. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See Section 8 of the SDS for Personal Protective Equipment. Ventilate contaminated area thoroughly shut off leaks if possible, without personal risk.

Methods and Materials for Containment and Clean-Up

Dam up. Soak up with inert absorbent material. Use dry spill kit material or sand, collect in appropriate containers. For disposal information see section 13. Clean contaminated surface thoroughly. Prevent run-off to sewers, streams or other bodies of water. Wash floor with hot soapy water and rinse with hot water to prevent slipping.

Notification Procedures

Notify authorities if any exposure to the general public or environment occurs or is likely to occur. Local authorities should be advised if significant spillages cannot be contained.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not allow product to reach soil, sewage system or any water course. Water spill : avoid runoff into sewers and ditches which lead to waterways.

Land spill: soak up with absorbent. Shovel up and place in a waster container.

Section 7: Handling and Storage**Precautions for Safe Handling**

Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage, including any Incompatibilities

Keep away from food, drink and animal feeding stuffs. Do not store in metal containers. Ground container and transfer equipment to eliminate static electric sparks. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids. Keep container tightly closed. Store in cool, dry place. Store in a well-ventilated place.

Section 8: Exposure Controls/Personal Protection
Control Parameters
Occupational Exposure Limits

Chemical Identity	Type	Value	Source
Vegetable oil mix	TVL	10 mg/m	US. ACGIH Threshold Limit Values
	TWA	5 mg/m ³ , Mist, Respirable Fraction	US OSHA Table Z-1
	TWA	15 mg/m ³ Mist, Total	US OSHA Table Z-1
	TWA	10 mg/m ³ , Total Mist	NIOSH
	TWA	5 mg/m ³ , Respirable Mist	NIOSH

Biological Limit Values

The product does not contain any relevant quantities of hazardous materials with assigned biological limit values.

Appropriate Engineering Controls

Ensure adequate ventilation, especially in confined areas. Apply technical measure to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment (PPE)
General Information

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Eye/Face Protection

Chemical goggles or safety glasses.

Skin Protection
Hand Protection

Wear appropriate chemical resistant gloves.

Other

Wear appropriate chemical resistant clothing.

Respiratory Protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information

Hygiene Measures

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated footwear that cannot be cleaned. Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before reuse. Avoid contact with eyes, skin, and clothing.

Section 9: Physical and Chemical Properties
Appearance:

Physical State: Liquid
 Color: Colorless to pale yellow

Odor: Odorless

Odor Threshold: Not applicable.

pH: Not applicable.

Melting Point/Freezing Point: < -5° C

Initial Boiling Point and Boiling Range: > 260°C (>500°F)

Flash Point: > 240 °C (464°F) Cleveland Open Cup

Evaporation Rate (butyl acetate=1): Nil

Flammability (solid, gas): No data available.

Upper/Lower Limit on Flammability or Explosive Limits

Flammability Limit – Upper: No data available.

Flammability Limit – Lower: No data available.

Explosive Limit – Upper:	No data available.
Explosive Limit – Lower:	No data available.
Vapor Pressure:	Negligible
Vapor Density (air =1):	Heavier than air.
Relative Density (water=1):	0.93 – 0.96 at 20°C
Solubility(ies):	
Solubility in water:	Insoluble in water.
Solubility (other):	Soluble in many organic solvents.
Partition coefficient (n-octanol/water):	Partition coefficient (log Pow) > 3,0 (Glycerides of saturated C8/C10 fatty acids)
Auto-Ignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Viscosity:	27 – 33 mPa*s (at 20°C)
Other Information:	
Molecular Weight:	No data available.
Formula:	No data available.

Section 10: Stability and Reactivity

Reactivity

Hazardous reactions will not occur under normal conditions.

Chemical Stability

This material is expected to be stable under normal conditions of use.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Direct sunlight. Extremely high or low temperatures. Avoid direct fire, strong alkalis and strong oxidizers.

Incompatible Materials

Strong alkalis and oxidizers.

Hazardous Products

Carbon Dioxide and carbon monoxide.

Section 11: Toxicological Information

Information on routes of exposure

Ingestion: Health injuries are not known or expected under normal use. Overexposure may cause Gastrointestinal disturbance.

Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Skin Contact: Contact during a long period may cause slight irritation.

Eye Contact: May cause minor eye irritation.

Information on Toxicological Effects

Acute Toxicity (List all possible routes of exposure)

Oral

No data available.

Dermal

No data available.

Inhalation

No data available.

Repeated Dose Toxicity

No data available.

Skin Corrosion/Irritation

No data available.

Serious Eye Damage/Eye Irritation

No data available.

Respiratory/Skin Sensitization

No data available.

Carcinogenicity

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

US. National Toxicology Program (NTP) Report on Carcinogens

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Germ Cell Mutagenicity

In Vitro

No mutagenic components identified.

In Vivo

No mutagenic components identified.

Reproductive Toxicity

None known.

Specific Target Organ Toxicity - Single Exposure

None known.

Specific Target Organ Toxicity - Repeated Exposure

None known.

Aspiration Hazard

Not classified.

Other Effects

None known.

Section 12: Ecological Information

Ecotoxicity

Acute Hazards to the Aquatic Environment

Fish

No data available.

Aquatic Invertebrates

No data available.

Toxicity to Aquatic Plants

No data available.

Chronic Hazards to the Aquatic Environment

Fish

No data available.

Aquatic Invertebrates

No data available.

Toxicity to Aquatic Plants

No data available.

Persistence and Degradability

Biodegradation

Expected to be readily biodegradable.

BOD/COD Ratio

No data available.

Bioaccumulative Potential

Bioconcentration Factor (BCF)

Bioaccumulation is unlikely.

Partition Coefficient n-octanol / water (log Kow)

No data available.

Mobility in Soil

The product is water soluble and may spread in water systems.

Other Adverse Effects

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

Section 13: Disposal Considerations**Disposal Instructions**

Dispose of waste material in accordance with all local, regional, national, and international regulations. Dispose of contents/container in accordance with local, regional, national, and international regulations.

Contaminated Packaging

Container may remain hazardous when empty. Continue to observe all precautions. .

Section 14: Transportation Information**US Department of Transportation (DOT)**

This material is not regulated as a hazardous material for transport by the U.S. Department of Transportation in accordance with 49 CFR 172.101.

Section 15: Regulatory Information**US Federal Regulations****Toxic Substance Control Act (TSCA), Chemical Substance Inventory, Section 8(b)**

This product or ingredient(s) are listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substance List (40 CFR 302.4)

No chemical(s) in this material are subject to the reporting requirements of CERCLA.

Clean Air Act (CAA), Section 112(r)

No chemical(s) in this material are subject to the reporting requirements of CAA.

Emergency Planning and Community Right-To-Know Act (EPCRA)**EPCRA 302 Extremely Hazardous Substance**

No chemical(s) in this material are subject to the reporting requirements of SARA Title III, Section 302.

EPCRA 304 Emergency Response Notification

No chemical(s) in this material are subject to the reporting requirements of SARA Title III, Section 304.

EPCRA 311/312 Emergency and Hazardous Materials Reporting

Fire Hazard: No
Sudden Release of Pressure: No
Reactive: No
Acute (Immediate) Health Hazard: No
Chronic (Delayed) Health Hazard: No

EPCRA 313 Toxic Chemical Release Inventory (TRI) Reporting

This material does not contain any chemical(s) with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)**

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

Important Note: Due to the changing nature of regulatory requirements, the information in this document should NOT be considered all-inclusive or authoritative. Users should make their own investigations to determine the suitability of the information for their particular purposes. International, Federal, State and Local regulations should be consulted to determine compliance with all required reporting requirements.

Section 16: Other Information

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Key to Abbreviations and

Acronyms

ATE - Acute Toxicity Estimate	ACGIH - American Conference of Industrial Hygienists
BCF - Bioconcentration Factor	AIHA - American Industrial Hygiene Association
EC50 - Effective concentration, 50%	BEI - Biological Exposure Indices
IDHL - Immediately Dangerous to Life and Health	CAS - Chemical Abstracts Service
Kg - Kilogram	DOT - US Department of Transportation
l - Liter	EPA - US Environmental Protection Agency
lb - Pound	GHS - Globally Harmonized System of Classification and Labelling of Chemicals
LC50 - Lethal Concentration, 50%	IARC - International Agency for Research on Cancer
LD50 - Lethal Dose, 50%	IATA - International Air Transport Association
mg - milligram	IBC - Intermediate Bulk Container
ml - milliliter	IMDG - International Maritime Dangerous Goods
N/A - Not Applicable	NIOSH - National Institute for Occupational Safety and Health
N/D - Not Determined	NTP - National Toxicology Program
PEL - Permissible Exposure Limit	OSHA - US Occupational Health and Safety Administration
REL - Recommended Exposure Limit	SARA - US EPA Superfund Amendments and Reauthorization Act
STEL - Short-term Exposure Limit	TSCA - US EPA Toxic Substances Control Act
TWA - Time weighted average	UN - United Nations

References

HSDB® - Hazardous Substances Data Bank

Disclaimer

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