1. IDENTIFICATION

Product Name	**Caprylic/Capric Triglycerides Liquid ALSO KNOWN AS FRACTIONATED COCONUT OIL**
Other Names	CERIN CCT; Decanoic acid, ester with 1,2,3-propanetriol octanoate; EVIOL MCT 60/40; EVIREZ MCT 60/40; Glycerol, mixed triester with caprylic acid and capric acid
Uses	Industrial use; Pharma Excipient; Food Additives.
Chemical Family	No Data Available
Chemical Formula	Unspecified
Chemical Name	Glycerides, mixed decanoyl and octanoyl
Product Description	Medium Chain Triglyceride

Contact Details of the Supplier of this Safety Data Sheet

Organisation	Location	Telephone

Name: Centaur Packaging
Street: 3 Concorde Way Bomaderry NSW 2541
Phone: 02 44229001
Website: www.centaurpackaging.com.au
Email: sales@centaurpackaging.com.au

Emergency Contact Details

For emergencies only; DO NOT contact these companies for general product advice.

Organisation	Location	Telephone
Poisons Information Centre	Westmead NSW	131126
Chemcall Chemcall	Australia	1800-127406 +64-4-9179888
Chemcall	Malaysia	+64-4-9179888
National Poisons Centre	New Zealand	0800-243622 +64-4-9179888
CHEMTREC	New Zealand	0800-764766
	USA & Canada	1-800-424-9300 CN723420 +1-703-527-3887

2. HAZARD IDENTIFICATION

Poisons Schedule (Aust) Not Scheduled

Globally Harmonised System

Hazard Classification	NOT hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Signal Word	None

National Transport Commission (Australia)
Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

Dangerous Goods Classification	NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

Safe Work Australia
National Guide for Classifying Hazardous Chemicals under the Model WHS Regulations

Hazard Classification	NOT hazardous according to the criteria of Safe Work Australia under Model WHS Regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Chemical Entity	Formula	CAS Number	Proportion
Glycerides, mixed decanoyl and octanoyl	Unspecified	73398-61-5	100 %

4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure

Swallowed	IF SWALLOWED: Rinse mouth, then drink plenty of water. Do not induce vomiting. Get immediate medical advice/attention. Never give anything by mouth to an unconscious person.
Eye	IF IN EYES: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for 10 - 15 minutes. If eye irritation persists, get medical advice/attention.
Skin	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention.
Inhaled	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms persist, get medical advice/attention.
Advice to Doctor	Treat symptomatically.
Medical Conditions Aggravated by Exposure	No information available.

5. FIRE FIGHTING MEASURES

General Measures	If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is out.
	May burn but does not ignite readily.

Flammability Conditions	
Extinguishing Media Fire and Explosion Hazard Hazardous Products of Combustion	Use dry chemical, Carbon dioxide (CO2), foam or water spray for extinction - Do not use water jets. Containers may explode when heated. Fire may produce irritating, toxic and/or corrosive fumes, including Carbon oxides.
Special Fire Fighting Instructions	Contain runoff from fire control or dilution water - Runoff may pollute waterways.
Personal Protective Equipment	Wear self-contained breathing apparatus (SCBA) and chemical splash suit. SCBA and structural firefighter's uniform may provide limited protection. >200 °C [DIN 51758] No Data Available No Data Available >300 °C No Data Available
Flash Point	
Lower Explosion Limit	
Upper Explosion Limit	
Auto Ignition Temperature	
Hazchem Code	

6. ACCIDENTAL RELEASE MEASURES

General Response Procedure	Ensure adequate ventilation. ELIMINATE all ignition sources. Do not touch or walk through spilled material. Avoid breathing vapours and contact with eyes, skin and clothing.
Clean Up Procedures	Absorb with earth, sand or other non-combustible material and transfer to a suitable container for disposal (see SECTION 13).
Containment	Stop leak if safe to do so – Prevent entry into waterways, drains or confined areas.
Decontamination	Clean surface thoroughly to remove residual contamination.
Environmental Precautionary Measures	Prevent entry into drains and waterways.
Evacuation Criteria	
Personal Precautionary Measures	Spill or leak area should be isolated immediately. Keep unauthorised personnel away. Use personal protective equipment as required (see SECTION 8).

7. HANDLING AND STORAGE

Handling	Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapours and contact with eyes, skin and clothing. Do not ingest. Use personal protective equipment as required (see SECTION 8). Static charges generated by emptying package in or near flammable vapour may cause flash fire. Ground/bond container and receiving equipment. Take precautionary measures against static discharge.
Storage	Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep container tightly closed. Keep away from heat and sources of ignition - No smoking. Keep away from foodstuffs and incompatible material (see SECTION 10).
Container	Keep in the original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General	No specific exposure standards are available for this product.
Exposure Limits	No Data Available
Biological Limits	No information available.
Engineering Measures	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Protection Equipment	- Respiratory protection: In case of inadequate ventilation, wear respiratory protection. Recommended: Organic vapour/particulate filter respirator (refer to AS/NZS 1715 & 1716). - Eye/face protection: Wear appropriate personal protective clothing to avoid skin contact. Recommended: Goggles or Safety glasses with side-shields. - Hand protection: Handle with gloves. Recommended: Chemical resistant gloves. - Skin/body protection: Wear appropriate personal protective clothing to avoid skin contact. Recommended: Chemical resistant apron; Long sleeved clothing.
Special Hazards Precaustions	Static charges generated by emptying package in or near flammable vapour may cause flash fire.
Work Hygienic Practices	Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Take off contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid Liquid Odourless or slight, characteristic Colourless to
Appearance	yellowish No Data Available No Data Available No Data Available
Odour	>250 °C No Data Available No Data Available Insoluble in water
Colour	(< 1 mg/L) - Soluble in oils, organic solvents 0.910 - 0.955 >200
pH	°C [DIN 51758] >300 °C No Data Available No Data Available No
Vapour Pressure	Data Available No Data Available No Data Available No Data
Relative Vapour Density	Available No Data Available No Data Available No Data Available
Boiling Point	No Data Available No Data Available No Data Available No Data
Melting Point	Available No Data Available No Data Available No Data Available
Freezing Point	No information available. Not applicable.
Solubility	
Specific Gravity	
Flash Point	
Auto Ignition Temp	
Evaporation Rate	
Bulk Density	
Corrosion Rate	
Decomposition Temperature	
Density	
Specific Heat	
Molecular Weight	
Net Propellant Weight	
Octanol Water Coefficient	
Particle Size	
Partition Coefficient	
Saturated Vapour Concentration	
Vapour Temperature	
Viscosity	
Volatile Percent	
VOC Volume	
Additional Characteristics	
Potential for Dust Explosion	

Fast or Intensely Burning Characteristics	No information available.
Flame Propagation or Burning Rate of Solid Materials	No information available.
Non-Flammables That Could Contribute Unusual Hazards to a Fire	No information available.
Properties That May Initiate or Contribute to Fire Intensity	May burn but does not ignite readily.
Reactions That Release Gases or Vapours	Fire/decomposition may produce irritating, toxic and/or corrosive fumes, including Carbon oxides.
Release of Invisible Flammable Vapours and Gases	No information available.

10. STABILITY AND REACTIVITY

General Information	No dangerous reaction known under conditions of normal use.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Keep away from heat and sources of ignition.
Materials to Avoid	Incompatible/reactive with strong oxidising agents.
Hazardous Decomposition Products	Fire/decomposition may produce irritating, toxic and/or corrosive fumes.
Hazardous Polymerisation	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

General Information	Information on possible routes of exposure: - Ingestion: Expected to be a low ingestion hazard. May cause digestive (gastrointestinal) tract irritation. - Eye contact: Direct contact with eyes may cause temporary irritation. - Skin irritation: May cause skin irritation. - Inhalation: May cause irritation of respiratory tract. Chronic effects: Not considered carcinogenic.
Acute	
Ingestion	Acute toxicity (Oral): - LD50, Rat: >5,000 mg/kg
Carcinogen Category	None

12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available.
Persistence/Degradability	Readily biodegradable.
Mobility	No information available.
Environmental Fate	This product is not considered to be a water pollutant; However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. Do not allow to enter soil, waterways or wastewater canal.
Bioaccumulation Potential	No information available.
Environmental Impact	No Data Available

13. DISPOSAL CONSIDERATIONS

General Information	Dispose of contents/container in accordance with local/regional/national regulations. Take to a special waste incineration plant.
Special Precautions for Land Fill	Empty containers should be taken for local recycling, recovery or waste disposal. If empty containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. TRANSPORT INFORMATION

Land Transport (Australia)
ADG Code

Proper Shipping Name	Caprylic/Capric Triglycerides Liquid C2 Combustible Liquids - Flash Point >93°C, Closed Cup, Not Excluded Flammable No Data Available No Data Available No Data Available No Data Available No Data Available No Data Available NON-DANGEROUS GOODS: Not regulated for LAND transport.
Class	
Subsidiary Risk(s)	
UN Number	
Hazchem	
Pack Group	
Special Provision	
Comments	

Land Transport (Malaysia)
ADR Code

Proper Shipping Name	Caprylic/Capric Triglycerides Liquid No Data Available No Data Available No Data Available No Data Available No Data Available No Data Available No Data Available NON-DANGEROUS GOODS: Not regulated for LAND transport.
Class	
Subsidiary Risk(s)	
UN Number	
Hazchem	
Pack Group	
Special Provision	
Comments	

Land Transport (New Zealand)
NZS5433

Proper Shipping Name	Caprylic/Capric Triglycerides Liquid
Class	No Data Available No Data Available
Subsidiary Risk(s)	No Data Available No Data Available No Data Available No Data Available
UN Number	
Hazchem	
Pack Group	

Special Provision	No Data Available
Comments	NON-DANGEROUS GOODS: Not regulated for LAND transport.

Land Transport (United States of America)
US DOT

Proper Shipping Name	Caprylic/Capric Triglycerides Liquid No Data Available No Data Available No Data Available No Data Available No Data Available No Data Available No Data Available No Data Available NON-DANGEROUS GOODS: Not regulated for LAND transport.
Class	
Subsidiary Risk(s)	
UN Number	
Hazchem	
Pack Group	
Special Provision	
Comments	

Sea Transport
IMDG Code

Proper Shipping Name	Caprylic/Capric Triglycerides Liquid No Data Available No Data Available No Data Available No Data Available No Data Available No Data Available No Data Available No NON-DANGEROUS GOODS: Not regulated for SEA transport.
Class	
Subsidiary Risk(s)	
UN Number	
Hazchem	
Pack Group	
Special Provision	
EMS	
Marine Pollutant	
Comments	

Air Transport
IATA DGR

Proper Shipping Name	Caprylic/Capric Triglycerides Liquid No Data Available No Data Available No Data Available No Data Available No Data Available No Data Available No Data Available NON-DANGEROUS GOODS: Not regulated for AIR transport.
Class	
Subsidiary Risk(s)	
UN Number	
Hazchem	
Pack Group	
Special Provision	
Comments	

National Transport Commission (Australia)
Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

Dangerous Goods Classification	NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

15. REGULATORY INFORMATION

General Information	No Data Available
Poisons Schedule (Aust)	Not Scheduled

Environmental Protection Authority (New Zealand)
Hazardous Substances and New Organisms Amendment Act 2015

Approval Code	Not Hazardous

National/Regional Inventories

Australia (AIIC)	Listed Listed Not
Canada (DSL)	Determined
Canada (NDSL)	Listed Listed Not
China (IECSC)	Determined
Europe (EINECS)	Listed Listed Not
Europe (REACh)	Determined
Japan (ENCS/METI)	Listed Listed Not
Korea (KECI)	Determined Not
Malaysia (EHS Register)	Determined
New Zealand (NZIoC)	
Philippines (PICCS)	
Switzerland (Giftliste 1)	
Switzerland (Inventory of Notified Substances)	
Taiwan (NCSR)	Listed
USA (TSCA)	Listed

16. OTHER INFORMATION

Related Product Codes	CACATR1000, CACATR1001, CACATR1002, CACATR1003, CACATR1004, CACATR1005, CACATR1006, CACATR1007, CACATR1200, CACATR1500, CACATR1501, CACATR2000, CACATR2001, CACATR2010, CACATR2100, CACATR5000, CACATR5001, CACATR5002, CACATR5003, CACATR5004, CACATR5010, CACATR5015, CACATR5016, CACATR5017, CACATR5020, CACATR5025, CACATR5100, CACATR5110, CACATR6000, CACATR6010, CACATR7000, CACATR7001, CACATR7010, CACATR7011, CACATR7100, CACATR8000, CACATR8001, CACATR8010, CACATR8011, CACATR8012, CACATR9010, CACATR9011, CACATR9020, CACATR9030
Revision	4
Revision Date	12 May 2020
Reason for Issue	SDS Updated
Key/Legend	**<** Less Than **>** Greater Than **AICS** Australian Inventory of Chemical Substances

atm Atmosphere
CAS Chemical Abstracts Service (Registry Number)
cm^2 Square Centimetres
CO2 Carbon Dioxide
COD Chemical Oxygen Demand
deg C (°C) Degrees Celcius
EPA (New Zealand) Environmental Protection Authority of New Zealand
deg F (°F) Degrees Farenheit
g Grams
g/cm^3 Grams per Cubic Centimetre
g/l Grams per Litre
HSNO Hazardous Substance and New Organism
IDLH Immediately Dangerous to Life and Health
immiscible Liquids are insoluable in each other.
inHg Inch of Mercury
inH2O Inch of Water
K Kelvin
kg Kilogram
kg/m^3 Kilograms per Cubic Metre
lb Pound
LC50 LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.
LD50 LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.
ltr or **L** Litre
m^3 Cubic Metre
mbar Millibar
mg Milligram
mg/24H Milligrams per 24 Hours
mg/kg Milligrams per Kilogram
mg/m^3 Milligrams per Cubic Metre
Misc or **Miscible** Liquids form one homogeneous liquid phase regardless of the amount of either component present.
mm Millimetre
mmH2O Millimetres of Water
mPa.s Millipascals per Second
N/A Not Applicable
NIOSH National Institute for Occupational Safety and Health
NOHSC National Occupational Heath and Safety Commission
OECD Organisation for Economic Co-operation and Development
Oz Ounce
PEL Permissible Exposure Limit
Pa Pascal
ppb Parts per Billion
ppm Parts per Million
ppm/2h Parts per Million per 2 Hours
ppm/6h Parts per Million per 6 Hours
psi Pounds per Square Inch
R Rankine
RCP Reciprocal Calculation Procedure
STEL Short Term Exposure Limit
TLV Threshold Limit Value
tne Tonne
TWA Time Weighted Average
ug/24H Micrograms per 24 Hours
UN United Nations
wt Weight