

Material Safety Data Sheet

PRODUCT NAME: MCT OIL

IDENTIFICATION AND DISTRIBUTOR INFORMATION

TRADE NAME: MCT OIL
 CAS #: 65381-09-1
 DATE: August 6, 2008

DISTRIBUTOR: ACME-HARDESTY COMPANY
 ADDRESS: 450 Sentry Parkway
 Blue Bell, PA 19422

TELEPHONE: (866) 226 – 3834
 FAX: (215) 591 – 3620
 EMERGENCY: CHEMTREC (800) 424-9300

HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>COMPOSITION</u>	<u>CHEMICAL FORMULA</u>	<u>CAS NO</u>	<u>WT/WT, %</u>	<u>EC NO</u>	<u>EC SYMBOL</u>	<u>EC R-PHRASES</u>
Glycerol Tricaprylate/Caprates	No single structure applicable	65381-09-1	≥90%	265-724-3	N/A	N/A

HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDS IDENTIFICATION: Not considered as hazardous.

Not classified as hazardous according to criteria of WorkSafe Australia.

PROPOSED CLASSIFICATION: Not classified

HUMAN HEALTH HAZARDS:

INHALATION: Not applicable at ambient temperature. Vapor can cause irritation.
 SKIN CONTACT: Unlikely to be an irritant.
 EYE CONTACT: Can cause irritation.
 INGESTION: May cause irritation of the gastrointestinal tract. Low oral toxicity.
 PHYSICAL/CHEMICAL HAZARDS: None identified
 ENVIRONMENTAL HAZARDS: None identified

FIRST AID MEASURES

INHALATION: Remove patient from exposure. Obtain medical attention if ill effects occur
 SKIN CONTACT: Wash off with plenty of water and soap.
 EYE CONTACT: Wash out with water. Get medical attention if any sensations persist.
 INGESTION: Remove material from mouth. Drink plenty of water. If large amount swallowed or symptoms develop, get medical attention.
 FURTHER MEDICAL TREATMENT: Symptomatic treatment and supportive therapy as indicated.

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FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Dry chemical, water spray, foam, carbon dioxide
UNSUITABLE EXTINGUISHING MEDIA:	None
SPECIFIC HAZARDS:	Thermal decomposition will evolve irritant vapors.
PROTECTION OF FIRE-FIGHTERS:	Self-contained breathing apparatus, full protective clothing.
EXTINGUISHING MEDIA:	Dry chemical, water spray, foam, carbon dioxide

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ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Avoid contact with eyes. Do not breathe vapor.
ENVIRONMENTAL PRECAUTIONS:	Minimize contamination of drains, surface and ground waters.
METHODS FOR CLEANING UP:	Transfer product to suitably labeled containers for disposal at an approved site. Absorb liquid spillage onto inert material (e.g. sand). Residues and small spillages may be washed away with water and detergent.
OTHER INFORMATION:	Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

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HANDLING AND STORAGE

HANDLING:	Prevent skin contact. Avoid breathing this material. Provide adequate ventilation. Do not swallow.
STORAGE:	Store in the original closed containers.
OTHER INFORMATION:	For quality reasons: Avoid elevated temperatures.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES:	Ensure ventilation or local exhaust if formation of vapor occurs.
HYGIENE MEASURES:	Good industrial hygiene should be followed.
OCCUPATIONAL EXPOSURE: LIMITS PERSONAL	No occupational exposure limits have been established.
PROTECTIVE EQUIPMENT:	Normal precautions should be observed as for handling all chemicals.

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PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid (20 °C)
COLOR:	Colorless
ODOR:	Odorless
pH :	Not applicable
BOILING POINT/BOILING RANGE:	>200°C
CLOUD POINT:	-10°C
FLASH POINT:	250°C (open cup)
FLAMMABILITY:	No data
AUTO-IGNITION TEMPERATURE:	425°C
EXPLOSION PROPERTIES:	No data
OXIDATION PROPERTIES:	Not to be expected
VAPOR PRESSURE:	<1 hPa (20 °C)
DENSITY:	940 kg/m ³ (20°C)
SOLUBILITY IN WATER:	Insoluble
SOLUBILITY IN OTHER INGREDIENTS:	Soluble in many organic solvents
PARTITION COEFFICIENT (LOG POW):	>3 (estimated)
VISCOSITY:	30 mPa.s (20°C)

STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.
CONDITIONS TO AVOID: Not known
MATERIALS TO AVOID: Oxidizing agents
HAZARDOUS REACTIONS: None
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition will evolve irritant vapors.
HAZARDOUS POLYMERIZATION: Will not occur.

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:
ORAL - LD₅₀: >2 g/kg (rat)
SKIN IRRITATION: Not irritating (rabbit)
EYE IRRITATION: Not irritating (rabbit)
SENSITIZATION: No sensitization reactions (guinea-pig)

ECOLOGICAL INFORMATION

DEGRADABILITY: Readily biodegradable
ECOTOXICITY:
LC₅₀: >100 mg/l (fish - 48 hours)
EC₅₀: >100 mg/l (Pseudomonas putida - 16 hours)

DISPOSAL CONSIDERATIONS

METHODS OF DISPOSAL: Re-use/recycling of waste highly recommended
Disposal according to the local legislation
CONTAMINATED PACKAGING: Observe local regulations.

TRANSPORT INFORMATION

Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA-DGR.

REGULATORY INFORMATION

INVENTORY STATUS:
EU (EINECS/ELINCS/NLP) Compliant
USA (TSCA) Compliant
CANADA (DSL) Compliant
AUSTRALIA (AICS) Compliant
JAPAN (ENCS) Compliant
CHINA (IECSC) Compliant
KOREA (ECL) Compliant
PHILIPPINES (PICCS) Compliant

OTHER INFORMATION

INCI DESIGNATION: Glycerol Tricaprylate/Caprates