

# SAFETY DATA SHEET

## MCT OIL

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: MCT OIL  
Other Identification: Caprylic Capric Triglyceride  
Application: Coating  
Food additives  
Company: Kraft Chemical Company  
Melrose Park, IL 60160  
Phone: 708-345-5200  
Fax: 708-345-4005  
Emergency: Chemtrec: 800-262-8200

### 2. HAZARDS IDENTIFICATION

GHS Classification: Not applicable  
GHS Labeling: Not applicable  
Hazard Statement: Not applicable  
Precautionary Statement: Not applicable  
Other Hazard Identification: Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: Caprylic Capric Triglyceride  
CAS Number: 73398-61-5  
EC Number: 277-452-2

### 4. FIRST AID MEASURES

General Information: No special measures required  
After Eye Contact: Rinse opened eyes for several minutes under running water. If symptom persists consult the doctor  
After Skin Contact: Generally the product does not irritate the skin  
If skin irritation continues, consult a doctor  
After Inhalation : Supply fresh air, consult doctor in case of complaints  
After Swallowing: If symptom persists consult the doctor.

### 5. Firefighting release measures

Suitable Extinguishing  
Agents: Small fire: Use fire extinguishing methods suitable to surrounding conditions CO<sub>2</sub>, powder or water spray  
Large fire: Use water spray or alcohol resistant foam  
Unsuitable Extinguishing  
Agents: Water with full jet  
Protective Equipment: No special measures required

### 6. ACCIDENTAL RELEASE MEASURES

Person-Related  
Safety Precaution: Not required



## Measures For

Environmental Protection: No special measures required

## Measures For

Cleaning/Collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)

### 7. HANDLING AND STORAGE

Safe Handling: No special measures required

Fire and Explosion Protection: No special measures required

Store Room And Receptacles: Keep receptacle tightly sealed  
Protect from exposure to the light

## Information About Storage

in One Common Facility: Not required

Maximum Temperature: 30 °C

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## DNELs

Oral	DNELs	26.6 mg/kg bw/d (general population)
Dermal	DNEL	12.61 mg/kg bw/d (general population)
		25.2 mg/kg bw/d (worker)
Inhalative	DNEL	43.84 mg/m <sup>3</sup> (general population)
		177.8 mg/m <sup>3</sup> (worker)

## General Protective

and Hygienic Measures: The usual precautionary measures are to be adhered to when handling chemicals

Respiratory Protection: Not required

Eye Protection: Safety glasses

Skin Protection: Protective gloves

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid

Color: Colorless

Odor: Characteristic

Melting point, °C: <-5

Boiling point, °C: >300

Flash point, °C: >220

Vapor pressure at 20 °C, hPa: <0.00001

Density at 20 °C, g/cm<sup>3</sup>: 0.95

Solubility in / Miscibility with water at 20 °C: <0.001 g/l

Viscosity, dynamic, at 20 °C, mPa.s: 27 - 33

Danger of Explosion: Product does not present an explosion hazard



## 10. STABILITY AND REACTIVITY

Possibility of Hazardous

Reactions: No dangerous reaction known  
 Conditions to be Avoided: No decomposition if used according to specifications  
 Materials To Be Avoided: No further relevant information available  
 Hazardous Decomposition  
 Products: No dangerous decomposition product known

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity:

LD/LC50 values relevant for classification		
Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 2000 mg/kg (rat)
Inhalative	LD50	> 1.86 ppm (rat)

Primary Irritant Effects

On the Skin: No irritant effects  
 On the Eye: No irritant effects  
 Sensitization: No sensitizing effect known

## 12. Ecological information

Aquatic Toxicity: No toxic effects were observed below the water solubility  
 EC50: > 0.45 mg/l (alga) (OECD 201)  
 > 100 mg/l (daphnia) (OECD 202)  
 LC0: > 53 mg/l (fish) (OECD 203)  
 NOEC (long term): > 0.45 mg/l (alga) (OECD 201)  
 > 0.01 mg/l (daphnia) (OECD 211)

Persistence

and Degradability: Easily biodegradable  
 Method: OECD 301B  
 Degree of Elimination: 95%  
 Classification: Readily biodegradable  
 General Notes: Generally not hazardous for water

## 13. DISPOSAL CONSIDERATION

Product

Recommendation: Can be disposed of with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations  
 Smaller quantities can be disposed of with household Waste.

Uncleaned Packaging

Recommendation: Disposal must be made according to official regulations

## 14. TRANSPORT INFORMATION

General Information: Not hazardous according to RID/ADR, IMDG, ICAO/IATA



## 15. REGULATORY INFORMATION

Inventory list

Listed on:

- Toxic Substances Control Act (TSCA) (US)
- Philippines Inventory of Chemicals and Chemical Substances (PICCS)
- Inventory of Existing Chemical Substances in China (IECSC)
- Australian Inventory of Chemical Substances (AICS)
- Existing and New Chemical Substances (ENCS) (Japan)
- Korean Existing Chemical Inventory (KECI)
- Canadian Domestic Substances List (DSL)
- New Zealand Inventory of Chemicals (NZIC)

Labeling according to

EU Guidelines : The substance is not subject to classification according to EU lists and other sources of literature known to us

Water Hazard Class: Generally not hazardous for water.

## 16. OTHER INFORMATION

**All statements, technical information and recommendations contained herein are based on tests and data which Kraft Chemical Company believes to be currently reliable, but this accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. This information is not intended as a license to operate under or a recommendation to practice or infringe any patent of this company or others covering any process, composition of matter or use. Since we shall have no control of the use of the product described here in, we assume no liability for loss or damage incurred from the proper or improper use of such product.**

