

# SAFETY DATA SHEET

## FRACTIONATED MCT OIL

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Fractionated MCT Oil

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,  
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

### 2. HAZARD IDENTIFICATION

**Classification and labeling according to the Globally Harmonized System (GHS)**  
The substance is not classified according to this regulation

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.	EC NO.
Caprylic/Capric Triglyceride	73398-61-5	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 Wash with water and soap and rinse thoroughly If skin irritation continues, consult a doctor

#### After inhalation

Supply fresh air, consult doctor in case of complaints

#### After swallowing

Rinse out mouth and then drink plenty of water If symptom persists consult the doctor

## 5. FIRE FIGHTING MEASURES

### **Suitable Extinguishing Media**

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 Media**

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

### **Handling**

#### **Safe Handling**

No special measures required

#### **Fire & Explosion**

No special measures required

### **Storage**

#### **Store room and receptacles**

Keep receptacle tightly sealed Protect from exposure to the light

#### **Common Facility Storage**

Not required

#### **Maximum temperature**

86°F

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### DNELs

Oral	DNEL	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 Measure

The usual precautionary measures are to be adhered to when handling chemicals

### Respiratory protection

Not required

### Eye protection

Safety glasses

### Skin protection

Protective gloves

### Body protection

Protective work clothing

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Colorless
Odor	Characteristic
Melting point, °C	< -5
Boiling point, °C	>300
Flash point, °C (Closed Cup)	>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 product

No dangerous decomposition product known

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

LD/LC50 values relevant for classification		
Oral	LD50	> 5000 mg/kg (rat) (OECD 401)
Dermal	LD50	> 2000 mg/kg (rat) (79/831/EEC)
Inhalative	LD50	> 1.86 ppm (rat) (OECD 403)

### Primary irritating effects

#### On the skin

No irritant effects

#### On the Eye

No irritant effects

### Sensitization

No sensitizing effect known

### Additional toxicological information

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us

## 12. ECOLOGICAL INFORMATION

### Aquatic Toxicity

No toxic effects were observed below the water solubility	
EC50	> 0.45 mg/l (algea) (OECD 201)
	> 100 mg/l (daphnia) (OECD 202)
LC0	> 53 mg/l (fish) (OECD 203)
NOEC (Long term toxicity)	> 0.45 mg/l (algea) (OECD 201)
	> 0.01 mg/l (daphnia) (OECD 211)

### Persistence and Degradability

Easily biodegradable

### Method

OECD 301B

### Analyzing Method

CO<sub>2</sub>-Evolution

### Degree of Elimination

95%

### Classification

Readily biodegradable

### General Notes

Generally not hazardous for water

## 13. DISPOSAL CONSIDERATIONS

### 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)  
Existing Chemical Substances Inventory (ECSI) (Taiwan)  
New Zealand Inventory of Chemicals (NZIC)

#### Labeling according to the GHS

The substance is not subject to classification according to this regulation

## 16. OTHER INFORMATION

**All statements, technical information and recommendations contained herein are based on tests and data which Natural Bulk Supplies 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.**