

# SAFETY DATA SHEET

## MCT OIL

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: MCT OIL  
 Other Identification: Caprylic Capric Triglyceride Coating  
 Application: Food additives

Company: ASES CHEMICAL WORKS  
 Brahm Bagh, Jalori Gate  
 Jodhpur - 342001 Rajasthan-India  
 Ph: +91-9636889954  
 Email : ecom@ases.in Website : www.ases.in

### 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, acidbinders, 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

- 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.