

# The Soap Kitchen

## MATERIAL SAFETY DATA SHEET

### 1 - Identification of Product and Supplier

Product Name: **Sesame Seed Oil, Refined (including BP / EP grades)**  
Supplier: **The Soap Kitchen**, Unit2 D&E Hatchmoor Industrial Estate  
Torrington, Devon. EX38 7HP  
Emergency Contact: Mr. Richard Phillips – Tel: 01805 622944 [info@thesoapkitchen.co.uk](mailto:info@thesoapkitchen.co.uk)

### 2 - Composition and information on ingredients:

The product does not belong to any list of substances supposedly hazardous to human or animal health according to EU guideline 548/67 and further amendments, nor to those having recognised exposition limits.

INCI Name: **Sesamum Indicum (Sesame) Seed Oil**  
Chemical composition: Sesamum Indicum Oil is the oil obtained from the seed of sesame, *Sesamum indicum*, *Pedaliaceae*. It consists primarily of the glycerides of the fatty acids linoleic, oleic, palmitic and stearic.  
CAS No: 8008-74-0  
EINECS Number: 232-370-6  
Application: Emollient/hair conditioning/skin conditioning.

### 3 - Hazards identification:

Non hazardous

### 4 - First aid measures:

Skin contact: Wash with water and soap  
Eye contact: Flush with water  
Ingestion: Edible, food grade – not harmful if consumed.

### 5 - Fire - Fighting measures:

Extinguishing media: Carbon dioxide, foams, inert powder  
Extinguishing media to avoid: Water  
Special exposure hazards: Fine oil mists may be hazardous. On extreme long heating at high temperature gaseous components occur of acrolein variety.  
Protection against fire: Standard measures in line with fire safety regulations.

### 6 - Accidental release measures:

Spillage on soil: Use a solid absorbent and /or wash floors with detergent. May cause slip on floors. If solidified, shovel into containers.  
Spillage on water: Since the density of oil is lower than water, it will appear on the surface. The fat can be scraped off the surface. Please dispose according to UK / EU Environmental Regulations.

## 7 - Handling and storage:

At times oil-soaked materials may spontaneously combust. No special precautions for safety reasons necessary.

## 8 - Exposure controls and personal protection:

No special personal protective equipment required.  
Wear protective gloves and goggles when handling hot oil.

## 9 - Physical data and chemical properties:

|                            |                                       |
|----------------------------|---------------------------------------|
| <u>Form:</u>               | Liquid at room temperature            |
| <u>Odour:</u>              | Natural                               |
| <u>Colour:</u>             | Clear, light yellow almost colourless |
| <u>pH:</u>                 | Neutral                               |
| <u>Boiling point (°C):</u> | >100                                  |
| <u>Flash point (°C):</u>   | 260                                   |
| <u>Density at 40 °C:</u>   | 0.910 - 0.930                         |
| <u>Hydrosolubility:</u>    | Insoluble                             |
| <u>Liposolubility:</u>     | Soluble in vegetable oils             |

## 10 - Stability and Reactivity:

|  |  |
|--|--|
| <u>Conditions to avoid:</u>              | High temperature near flash point                        |
| <u>Materials to avoid:</u>               | Strong oxidising agents                                  |
| <u>Hazardous decomposition products:</u> | Acrolein at extreme heating                              |
| <u>Hazardous reactions:</u>              | Polymerisation not likely to occur                       |
| <u>Shelf Life:</u>                       | Min 12 months when stored in nitrogen flushed containers |

## 11 - Toxicological information:

Non toxic product – pharmaceutical use – food grade

## 12 - Ecological information:

Readily biodegradable

## 13 - Disposal considerations:

|                              |                                 |
|------------------------------|---------------------------------|
| <u>Residue for disposal:</u> | According to local regulations. |
| <u>Waste packing:</u>        | Observe local regulations.      |

## 14 - Transport information:

Not dangerous product  
Classification: Not classified in RID/ADR/IMDG

## 15 - Regulatory information:

In compliance with the requirements in the current Cosmetic Directives 67/548 EEC et 1999/45/CE

## 16 - Other information:

### Q.C. REQUIREMENTS

In-line with general product specification. Always satisfy suitability for specific application.

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