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Art.-No.: U-192685

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

Product name: Sesame oil, refined
 CAS-Nr.: 8008-74-0

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant Identified uses:

Cosmetic, Pharma
 Laboratory and analytical use
 Laboratory chemical

Uses advised against:

This product should not be used for purposes other than the applications referred to above.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

Euro OTC Pharma GmbH
 Edisonstr. 6
 59199 Bönen

Telephone / fax / email

02383 / 922020 / 02383 / 92202150 / E-Mail: info@euro-otc.com

1.4 Emergency telephone number

0361 / 730730 (Gemeinsames Giftnotrufzentrum, Nordhäuser Str. 74, 99089 Erfurt) (Germany)

SECTION 2: Hazards identification:

2.1 Classification of the substance or mixture

REACH Status: Exempted from compulsory Regulation according to Annex II No. 9 of Commission Regulation (EC) No. 987/2008 amending Regulation (EC) No 1907/2006 of REACH as regards Annexes IV and V.

Classification according to Regulation (EC) 1272/2008: Not classified.

Classification according to Directive 67/548/EWG: Not classified.

2.2 Label elements

Label elements According to Regulation (EC) No 1272/2008

Signal word: No signal word.

Hazard statements: No known significant effects or critical hazards.

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2.3 Other hazards

Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$.

SECTION 3: Composition/information on ingredients

3.1 Substances

Name of substance: Sesame oil

CAS-Nr.: 8008-74-0

EC No.: 232-370-6

INCI Name: Sesamum indicum seed oil

3.2 Mixtures

- Not Applicable.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation:

Fresh air. Get medical attention if symptoms occur.

Skin contact:

Flush contaminated skin with plenty of water, wash with soap and rise thoroughly. Remove contaminated clothing and shoes.

Eye contact:

Immediately flush eyes with plenty of water. Check for and remove any contact lenses. Get medical attention if irritation occurs.

If swallowed:

Wash out mouth with water and then drink plenty of water. Remove victim to fresh air. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Inhalation: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Eye contact: No known significant effects or critical hazards.

If swallowed: No known significant effects or critical hazards.

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Over-exposure signs

Inhalation: No specific data.

Skin contact: No specific data.

Eye contact: No specific data.

If swallowed: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: No specific data.

Specific treatment: No specific treatment.

SECTION 5: Firefighting measures

The product does not present any particular risk in case of fire.

5.1 Extinguishing media

Suitable extinguishing media:

co-ordinate firefighting measures to the fire surroundings!

water spray, dry extinguishing powder, BC-powder, carbon dioxide (CO₂)

Unsuitable extinguishing media:

Water with full jet.

5.2 Special hazards arising from the substance or mixture

Combustible.

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂), May produce toxic fumes of carbon monoxide if burning.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

6. SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not touch or walk through spilled material. Put on appropriate personal protective equipment. The usual precautions for handling chemicals should be observed.

6.2 Environmental precautions

Prevent further leakage or spillage. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or appropriate barriers.

6.3 Methods and materials for containment and cleaning up

Small spill: Stop leak if without risk. Move container from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

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Large spill: Stop leak if without risk. Move container from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillage into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via licensed waste disposal contractor.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on general occupational hygiene

The usual precautions for handling chemicals should be observed.
 Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed.

Incompatible substances or mixtures

Observe hints for combined storage. Incompatible materials: see section 10.

Consideration of other advice:

Specific designs for storage rooms or vessels

Recommended storage temperature: 15 – 25 °C

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Not applicable.

8.2 Exposure controls

Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
 Appropriate techniques should be used to remove potentially contaminated clothing.

Eye protection: safety eyewear.

Body protection: Personal protective equipment for the body should be selected based on the task being performed

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and the risks involved and should be approved by a specialist before handling this product.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. >8 hours (breakthrough time): neoprene, nitrile, Viton®.

Skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: organic vapour filter.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties Appearance

General Information

Physical state:	liquid
Color:	light yellow
Odor:	nearly odourless
Odor threshold:	No information available
Melting point/freezing point:	-8 to -6 °C
Boiling point:	No information available
Flash point:	this material is combustible, but will not ignite readily
Smoke point:	> 230 °C
Danger of Explosion:	No information available
Density (g/ml) at 20 °C:	approx. 0,92 g/cm³ at 20 °C
Viscosity (mPas) at 25 °C:	approx. 57 mPa s at 25 °C
Solubility in water:	insoluble
Solubility in ether:	miscible

Other information

9.2 Information with regard to physical hazard

classes: hazard classes acc. to GHS (physical hazards): not relevant

Other safety characteristics: There is no additional informa

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is not reactive under normal ambient conditions.

10.2 Chemical stability

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The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

Violent reaction with: strong oxidiser

10.4 Conditions to avoid:

No specific data.

10.5 Incompatible materials:

There is no additional information.

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Classification acc. to GHS

This substance does not meet the criteria for classification.

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

presenting an aspiration hazard.

Symptoms related to the physical, chemical and toxicological characteristics

• If swallowed

Data are not available.

• If in eyes

Data are not available.

• If inhaled

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Data are not available.

• **If on skin**

Data are not available.

• **Other information**

Health effects are not known.

11.2 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$

11.3 Information on other hazards

There is no additional information.

SECTION 12: Ecological information

12.1 Toxicity

Not available.

12.2 Persistence and degradability

Product is biodegradable.

12.3 Bioaccumulative potential

Unknown.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties

No additional information available.

12.7 Other adverse effects:

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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Product:

Methods of disposal:

Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Packaging:

The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

EU-disposal code: 13 08 99 oil waste. Classification of waste is in end user's individual authority.

13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions. Non-contaminated packages may be recycled.

SECTION 14: Transport information

No hazardous goods according to UN, IMO, ADR/RID und IATA/ICAO.

14.1 UN number or ID number not subject to transport regulations:

not subject to transport regulations

14.2 UN proper shipping name not assigned

not assigned

14.3 Transport hazard class(es) none

none

14.4 Packing group not assigned

not assigned

14.5 Environmental hazards

non-environmentally hazardous acc. to the dangerous goods regulation

14.6 Special precautions for user

There is no additional information.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or Mixture

REACH Status: Exempted from compulsory Regulation according to Annex II No. 9 of Commission Regulation (EC) No. 987/2008 amending Regulation (EC) No 1907/2006 of REACH as regards Annexes IV and V.

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EC Classification:

Not classified as dangerous according to CLP Regulation (EC) No. 1272/2008.

Not classified as dangerous according to Directive 67/548/EC or Directive 1999/45/EC.

National Regulation:

Water hazard class: allgemein wassergefährdend (awg), VO AwSV, Anlage 1, Abs. 3

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

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SECTION 16: Other information

Data Sheet Issuing Department: Quality Assurance

Abbreviations and acronyms:

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road.
 ADN = European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
 ATE = Acute Toxicity Estimates.
 CAO = Cargo Aircraft Only.
 CAS = Chemical Abstracts Service.
 CLP = Classification, Labelling, and Packaging of Chemicals.
 DIN = German Institute for Standardization.
 DNEL = Derived No-Effect Level.
 EC50 = Median Effective Concentration that causes a defined effect other than death in a test population.
 EG = European Community.
 EN = European Standards.
 IARC = International Agency for Research on Cancer.
 IATA = International Air Transport Association.
 IBC Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.
 IMDG = International Maritime Dangerous Goods Code.
 ISO = International Organization for Standardization.
 STEL = Short-Term Exposure Limit.
 LC50 = Lethal Concentration affecting 50% of the observed population.
 LD50 = Lethal Dose affecting 50% of the observed population.
 MAK = Maximum Workplace Concentration.
 MARPOL = International Convention for the Prevention of Pollution from Ships.
 NEN = Dutch Standards.
 NOEC = No Observed Effect Concentration.
 OEL = Occupational Exposure Limit.
 OECD = Organisation for Economic Co-operation and Development.
 PBT = Persistent, Bioaccumulative, and Toxic.
 PNEC = Predicted No-Effect Concentration.
 PPM = Parts Per Million.
 RID = Regulations concerning the International Carriage of Dangerous Goods by Rail.
 TWA = Time-Weighted Average.
 UN Number = UN Number for the Transport of Dangerous Goods.
 vPvB = Very Persistent and Very Bioaccumulative.

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

The above information is based on the current state of our knowledge and experience. They describe the products with regard to safety requirements and do not represent a guarantee of properties. The recipient of our product is responsible for observing existing laws and regulations.