



NHR ORGANIC OILS  
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## *Safety Data Sheet*

# **Organic Plum Kernel Oil**

### *(Prunus domestica)*

According to Regulation (EC):1907/2006  
This product does not require a safety data sheet according to Article 31 of the REACH Regulation

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

##### **1.1. Product identifier**

Plum Kernel oil

##### **Further trade names**

Plum Kernel oil cold pressed, organic,

CAS No.: 90082-87-4

EC No.: 290-179-3

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

###### **Use of the substance/mixture**

Food, cosmetics, personal care products.

###### **Use advised against**

No information available.

##### **1.3. Details of the supplier of the safety data sheet**

Company name: NHR Organic Oils  
Street: 24 Chatham Place  
Place: Brighton East Sussex BN1 3TN UK  
Telephone: +44 01273 746505  
E-mail: [info@nhrorganicoils.com](mailto:info@nhrorganicoils.com)  
Internet: [www.nhrorganicoils.com](http://www.nhrorganicoils.com)

**1.4. Emergency phone number:** Poison Control Center Munich: +49 (0)89 / 19 240

##### **Further Information**

REACH Status:

This product is exempt from registration according to (EC) No 1907/2006 (REACH)

#### **SECTION 2: Hazards identification**

##### **2.1. Classification of the substance or mixture**

###### **Regulation (EC) No 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

##### **2.2. Label elements**

This mixture is not subject to labeling in the sense of the EC Directives.

##### **2.3. Other hazards**

No information available.

#### **SECTION 3: Composition/information on ingredients**

##### **3.1 Substances**

###### **Chemical characterization**

INCI-Name: PRUNUS DOMESTICA SEED OIL

#### **SECTION 4: First aid measures**

#### **4.1. Description of first aid measures**

##### **General information**

Remove contaminated clothing and wash before wearing again. In case of accident or if you feel unwell, seek medical advice immediately (show operating instructions or safety data sheet if possible).

##### **After inhalation**

Provide fresh air. If experiencing respiratory symptoms: Get medical advice/attention.

##### **After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

##### **After contact with eyes**

Protect uninjured eye. In case of contact with eyes, rinse immediately with plenty of water for 10 to 15 minutes and consult an ophthalmologist.

##### **After ingestion**

After swallowing large quantities of product: Rinse mouth thoroughly with water. Never administer anything by mouth to an unconscious person or if convulsions occur. Allow to drink 1 glass of water in small sips (dilution effect). Do not induce vomiting.

#### **4.2. Most important symptoms and effects, both acute and delayed**

No information available.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

Elemental relief, decontamination, symptomatic treatment.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Dry extinguishing powder, Carbon dioxide (CO<sub>2</sub>), Foam, Sand, Earth

##### **Unsuitable extinguishing media**

Water, water jet

#### **5.2. Special hazards arising from the substance or mixture**

Do not breathe explosion and fire gases. The product is flammable.

In case of fire may form: Soot, carbon monoxide, carbon dioxide (CO<sub>2</sub>), acrolein

#### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus

##### **Additional advice**

Take persons to safety.

Collect contaminated extinguishing water separately. Do not allow to enter drains or water courses. Dispose of in accordance with official regulations.

### **SECTION 6: Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

##### **General advice**

See protective measures under points 7 and 8.

Ensure adequate ventilation.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke. Remove all ignition sources.

Special slip hazard due to leaking/spilled product. Clean up spills immediately.

##### **For non-emergency personnel**

Ensure adequate ventilation. Use personal protective equipment.

##### **For emergency responders**

Use personal protection equipment.

#### **6.2. Environmental precautions**

Do not allow to enter drains or water courses. Do not allow to enter subsoil/soil. Cover sewage system.

Remove from water surface (e.g. skim, vacuum). In case of gas leakage or penetration into water, soil or sewage system, notify competent authorities.

#### **6.3. Methods and material for containment and cleaning up**

##### **For containment**

Eliminate leakage if safe to do so. Absorb with liquid-binding material (sand, diatomaceous earth, acid binders, universal binders). Take up mechanically and place in suitable containers for disposal.

##### **For cleaning up**

Clean up with detergents. Avoid using: Solvents/diluents

##### **Further information**

Thoroughly clean contaminated objects and floor in compliance with environmental regulations.

#### **6.4. Reference to other sections**

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

##### **Advice for safe handling**

Ventilate the affected area.  
Avoid: Eye contact  
Remove contaminated clothing and wash before reuse.  
Avoid release to the environment. Do not allow to enter drains or water courses.  
Special slip hazard due to leaking/spilled product.  
Avoid: Aerosol or mist formation. Hot oil with water may splash

##### **Advice on protection against fire and explosion**

Keep away from heat, hot surfaces, sparks, open flames and other types of ignition sources. Do not smoke. Take measures against electrostatic charges. Ground containers, equipment,  
Provide grounding for containers, equipment, pumps and exhaust systems.  
Liquid aerosol (mist) - air mixtures: flammable.

##### **Advice on general occupational hygiene at the workplace**

Immediately remove contaminated, soaked clothing. Prepare and observe skin protection plan! Wash hands and face thoroughly before breaks and at the end of work, shower if necessary. Do not eat, drink, smoke or sniff at the workplace.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and containers**

Restrict general access to the storage area. Keep containers tightly closed. Keep/store only in original container.

##### **Information on storage together**

Do not store together with: Oxidizing agent

##### **Further information on storage conditions**

Keep away from: heat, extreme temperatures, exposure to light.  
Protect from sunlight. store in a well- ventilated place.  
Storage class according to TRGS 510: 10 (flammable liquids which cannot be assigned to any of the above mentioned LGK)

#### **7.3. Specific end use(s)**

Reference to other sections 1.2.

### **SECTION 8: Exposure controls/personal protection**

#### **8.1. Control parameters**

##### **Additional information on limit values**

No national limit values have been established so far.

#### **8.2. Exposure controls**

##### **Appropriate technical controls**

Technical measures and the use of appropriate work procedures take precedence over the use of personal protective equipment.  
Provide grounding of containers, equipment, pumps, and exhaust systems.  
Vapors/aerosols are to be safely extracted directly at the point of origin.  
If technical extraction or ventilation measures are not possible or insufficient, respiratory protection must be worn.

##### **Individual protection measures, such as personal protective equipment**

Wear only suitable, comfortably fitting and clean protective clothing.  
Avoid contact with skin, eyes and clothing.  
Wash hands before breaks and at the end of work.  
Remove contaminated clothing and wash before wearing again.  
Use skin care products after work.  
Provide adequate washing facilities.  
Do not carry product-soaked rags in trouser pockets.

##### **Eye/face protection**

Appropriate eye protection: frame goggles with side shields, basket goggles.

##### **Hand protection**

For skin application: Hand protection is not required.  
Wear protective gloves for prolonged exposure (EN ISO 374).  
Suitable material: NBR (nitrile rubber)

Wearing time in case of permanent contact:

Thickness of glove material:  $\geq 0.38$  mm, Breakthrough time:  $>480$  min (Recommended glove brands. Mapa Professional "Ultranyl 493, 381" Or comparable brands from other companies).

Thickness of glove material:  $\geq 0,2$  mm, breakthrough time:  $\geq 120 - 240$  min (Recommended Glove brands Mapa Professional "Ultranyl 472" Or comparable brands from other companies).

Wearing time with occasional contact (splashes): Disposable gloves

Thickness of glove material:  $\geq 0,08$  mm, Breakthrough time:  $\geq 30 - 60$  min (Recommended Glove brands Mapa Professional "Solo 967, 977, 987" Or comparable brands from other companies).

It is recommended to clarify the chemical resistance of the above mentioned protective gloves for special applications with the glove manufacturer.

Breakthrough times and swelling properties of the material must be taken into account.

#### Body protection

Wear suitable protective clothing when working.

#### Respiratory protection

Respiratory protection is required in case of: Limit values exceeded, insufficient ventilation, aerosol or mist formation.

Use suitable respiratory protection.

#### Thermal hazards

No information available.

#### Environmental exposure controls

Clean up spills immediately. Provide containment, e. g. bottom pan without drain.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	yellow
Odor:	characteristic
Melting point/freezing point:	about $-15^{\circ}\text{C}$
Boiling point or initial boiling point and boiling range	$>230^{\circ}\text{C}$
Flammability	
solid/ Liquid:	no data available
Gas:	no data available
Lower explosion limits:	not data available
Upper explosion limits:	no data available
Flash point:	$> 130^{\circ}\text{C}$
Ignition temperature:	$> 200^{\circ}\text{C}$
Decomposition temperature:	$> 300^{\circ}\text{C}$
pH-Value:	not applicable
Viscosity / kinematic:	not determined
Solubility in water:	no test required, as the substance is known to be insoluble in water
Solubility in other solvents	in non- popular organic solvents
Partition coefficient n-octanol/water:	$>6$
Vapour pressure:	not determined
Density:	$0.91 - 0.93 \text{ g/cm}^3$
Relative vapour density:	not determined
Particle:	not applicable

### 9.2. Other information

#### other safety- related parameters

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions will occur if handled and stored as directed.

### 10.2. Chemical stability

The product is chemically stable under the recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

Reactions with: Oxidizing agent

Liquid aerosol (mist) – Air mixtures: Flammable

### 10.4. Conditions to avoid

Humidity, Light, Contact with air/oxygen. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from direct sunlight.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

Thermal decomposition above 300°C.  
Carbon monoxide, carbon dioxide, hydrocarbons, gaseous.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### **Acute toxicity**

Based on available data, the classification criteria are not met.

#### **Irritation and corrosive effect on skin**

Based on available data, the classification criteria are not met.

#### **Serious eye damage/ irritation**

Based on available data, the classification criteria are not met.

#### **Respiratory sensitization/ skin**

Based on available data, the classification criteria are not met.

#### **Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

#### **Carcinogenicity**

Based on available data, the classification criteria are not met.

#### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

#### **Specific target organ toxicity (single exposure)**

Based on available data, the classification criteria are not met.

#### **Specific target organ toxicity in case of repeated exposure**

Based on available data, the classification criteria are not met.

#### **Aspiration hazard**

Based on available data, the classification criteria are not met.

#### **Information on likely routes of exposure**

Ingestion, skin contact, eye contact.  
Aerosol or mist formation: Inhalation

### 11.2. Information on other hazards

#### **Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meet the criteria.

## SECTION 12: Ecological information

### 12.1. Toxicity

The product is not: Ecotoxic.

### 12.2. Persistence and degradability

The product is: Biodegradable.

### 12.3. Bioaccumulative potential

The product has not been tested.

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII.

### 12.6. Endocrine disrupting properties

The product has not been tested.

### 12.7. Other adverse effects

No information available.

### Further advice

Avoid release to the environment.

## SECTION 13: Notes on disposal

### 13.1. Waste treatment methods

#### **Disposal recommendations**

Dispose of in accordance with official regulations. Recycle in compliance with official regulations.  
The assignment of waste code numbers/waste designations is to be carried out in accordance with EAKV on an industry and process-specific basis.  
(Waste codes/waste designations according to EAK/AVV: 070699, 200125)  
No hazardous waste according to Directive 2008/98/EC (Waste Framework Directive).

#### **Disposal of uncleaned packaging and recommended cleaning agents**

Disposal according to official regulations.  
Recycle in compliance with official regulations.

Completely emptied packaging can be recycled.

## SECTION 14: Transport information

### Land transport (ADR/RID)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

### Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### 14.6. Special precautions for user

Not a dangerous good in the sense of these transport regulations.

### 14.7. Bulk transport by sea in accordance with IMO instruments

No dangerous goods within the meaning of these transport regulations.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulatory information

Information according to SEVESO III- guideline is not subject to the SEVESO III- Directive 2012/ 18/ EU

#### National regulatory information

Water hazard class (D):generally hazardous to water

Status:according to AwSV 2017 Annex 1 Section 1.3

### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s): 4,5,6,7,8,9,10,11,12,13,14,15,16.

### Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

#### **Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*