



alpha

Printing date 13.06.2019

## Safety data sheet

according to 1907/2006/EC, Article 31

Version number 6

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

#### 1.1 Product Identifier:

**Trade name: Fenix Process Oil 100**

**CAS Number:**

64742-54-7

**EC number:**

265-157-1

**Index number:**

649-467-00-8

**Registration number:** 01-2119484627-25

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

**Product category:** Process Oil

**Application of the substance / the mixture:** Professional use only

#### 1.3 Details of the supplier of the safety data sheet:

**Manufacturer / Importer / Supplier:**

Alpha Wax BV

Raoul Wallenbergplein 35

2404 ND Alphen aan den Rijn

Tel.: +31 (0)172 242628

Fax: +31 (0)172 241439

email: info@alphawax.com

www.alphawax.com

**Further information obtainable from:** Product safety department.

#### 1.4 Emergency telephone number:

UK - Toxbase (for health professionals only) +44 844 8920111

For members of the public +44 845 4647

Tel.: +31 (0)172 242628

This telephone number can be reached during office hours.

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture:

**Classification according to Regulation (EC) No 1272/2008:**



GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

#### 2.2 Label elements:

**Labelling according to Regulation (EC) No 1272/2008:** The substance is classified and labelled according to the CLP regulation.

**Hazard pictograms:** GHS08

**Signal word:** Danger

#### Hazard-determining components of labelling:

Distillates (petroleum), hydrotreated heavy paraffinic

#### Hazard statements:

H304 May be fatal if swallowed and enters airways.

#### Precautionary statements:

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### 2.3 Other hazards:

#### Results of PBT and vPvB assessment:

**PBT:** Not applicable.

**vPvB:** Not applicable.

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### SECTION 3: Composition/information on ingredients

#### 3.1 Chemical characterization: Substances:

##### CAS No. Description:

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

##### Identification number(s)

EC number: 265-157-1

Index number: 649-467-00-8

**Additional information:** For the wording of the listed hazard phrases See section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures:

##### General information:

Take affected persons out of danger area and lay down.

Never give anything by mouth to an unconscious person.

**After inhalation:** Take affected persons into fresh air and keep calm.

##### After skin contact:

Rinse with plenty of water and wash with soap.

If skin irritation continues, consult a doctor.

##### After eye contact:

If possible, remove contact lenses.

Rinse opened eye for several minutes (at least 15 minutes) under running water. If symptoms persist, consult a doctor.

##### After ingestion:

DO NOT INDUCE VOMITING!

Rinse out mouth and then drink plenty of water.

**4.2 Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media:

**Suitable extinguishing agents:** CO<sub>2</sub>, powder, foam or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**5.2 Special hazards arising from the substance or mixture:** No further relevant information available.

#### 5.3 Advice for firefighters:

##### Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

**Additional information:** Cool endangered tanks with water spray.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

Floors may become slippery

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:** Allow to solidify. Pick up mechanically.

#### 6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling:

Avoid inhalation of vapors and contact with eyes, skin and clothing.

Do not eat, drink or smoke while working.

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**Information about fire and explosion protection:** No special measures required.

### 7.2 Conditions for safe storage, including any incompatibilities:

Store in a closed container away from incompatible materials  
Store in a well ventilated storage area.

#### Storage:

**Requirements to be met by storerooms and tanks:** Only use tanks which are specially equipped for this product.

**Information about storage in one common storage facility:** Store away from oxidising agents.

#### Further information about storage conditions:

Protect from heat and direct sunlight.  
Store between 0°C and 40°C in a dry, well ventilated place.

**7.3 Specific end use(s):** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see section 7.

### 8.1 Control parameters:

**Ingredients with limit values that require monitoring at the workplace:** Not required.

**Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

#### Personal protective equipment:

**General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

**Protection of hands:** Only use chemical-protective gloves with CE-labelling of category III.

#### Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Gloves made of Nitrile rubber, NBR

#### Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Solid material. Penetration time is not applicable.

Handle melted material with thermal gloves.

#### Eye protection:

Safety glasses

Face protection

**Body protection:** Use protective suit.

**Limitation and supervision of exposure into the environment:** Prevent spills from reaching surface waters or soil.

## \* SECTION 9: Physical and chemical properties

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

#### General Information:

##### Appearance:

Form:	Liquid.
Colour:	Clear
Odour:	Slight hydrocarbon
Odour threshold:	Not determined.

pH-value:	Not applicable. Not determined.
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#### Change in condition

Melting point/freezing point:	Not determined.
Initial boiling point and boiling range:	>280 °C
Solidification point:	Not determined.
Pour point	-15 °C (Typical)

Flash point:	215 °C (Typical)
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<b>Flammability (solid, gas):</b>	Not applicable.
<b>Ignition temperature:</b>	>320 °C
<b>Decomposition temperature:</b>	Not determined.
<b>Explosive properties:</b>	Not determined.
<b>Explosion limits:</b>	
<b>Lower:</b>	1 Vol %
<b>Upper:</b>	10 Vol %
<b>Vapour pressure at 20 °C:</b>	0.005 hPa
<b>Density at 15 °C:</b>	0.845 g/cm <sup>3</sup> (Typical)
<b>Relative density:</b>	Not determined.
<b>Vapour density:</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.
<b>Solubility in / Miscibility with:</b>	
<b>Water:</b>	Insoluble. Fully miscible.
<b>Partition coefficient: n-octanol/water:</b>	>6 log POW
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic at 40 °C:</b>	20.5 mm <sup>2</sup> /s (Typical)
<b>Solvent content:</b>	
<b>Oxidizing properties:</b>	Not determined
<b>9.2 Other information:</b>	No further relevant information available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity:** Reacts violently with oxidants.

**10.2 Chemical stability:**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions:** Reacts with strong oxidising agents.

**10.4 Conditions to avoid:**

Sparks-Open fire

Direct sunlight

Extremely high or low temperatures.

**10.5 Incompatible materials:** Oxidising Agents

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## \* SECTION 11: Toxicological information

**11.1 Information on toxicological effects:**

**Acute toxicity:** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

**64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic**

Oral | LD50 | >5,000 mg/kg (Rat)

Dermal | LD50 | >5,000 mg/kg (Rabbit)

**Primary irritant effect:**

**Skin corrosion/irritation:** No data available.

**Serious eye damage/irritation:** No data available.

**Inhalation:** No data available.

**Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.

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**CMR effects (carcinogenic, mutagenic and reprotoxic):**

One of the components contains less than 3% of PCA's (DMSO extract as measured by IP 346). This product does not meet the criteria to be classified as carcinogen.

**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

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

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

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Based on available data, the classification criteria are not met.

**Aspiration hazard:**

May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

**12.1 Toxicity:**

The product components are not classified as dangerous for the environment or the quantities are not relevant. Larger or frequent spills can be dangerous or harmful to the environment.

**Aquatic toxicity:**

**64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic**

LC50/96h >5,000 mg/l (Oncorhynchus mykiss)

EC50/48h >1,000 mg/l (Daphnia Magna)

**12.2 Persistence and degradability:** No further relevant information available.

**12.3 Bioaccumulative potential:** No further relevant information available.

**12.4 Mobility in soil:** No further relevant information available.

**Additional ecological information:**

**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**12.5 Results of PBT and vPvB assessment:**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects:** No further relevant information available.

## SECTION 13: Disposal considerations

**13.1 Waste treatment methods:**

**Recommendation:**

Observe the locally applicable regulations.

After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

**European waste catalogue:** 13 08 99 Oil waste (not otherwise specified)

**Contaminated packaging:**

**Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

**14.1 UN-Number:**

ADR/RID/ADN, IMDG, IATA

Void

**14.2 UN proper shipping name:**

ADR/RID/ADN, IMDG, IATA

Void

**14.3 Transport hazard class(es):**

ADR/RID/ADN, IMDG, IATA

Class:

Void

**14.4 Packing group:**

ADR/RID/ADN, IMDG, IATA

Void

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<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user:</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory information

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

**Directive 2012/18/EU:**

**Named dangerous substances - ANNEX I:**

None of the ingredients are listed.

Substance is not listed.

**REGULATION (EC) No 1907/2006 ANNEX XVII:** Conditions of restriction: 3

**National regulations:** Not applicable

**Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

**Training hints:** Take care of good information, instruction and training for users.

**Abbreviations and acronyms:**

ADN: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)

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

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (Division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

EC50: Effective Concentration, 50 percent

IOELVS: Indicative Occupational Exposure Limit Values

mPa.s: millipascal per second

Asp. Tox. 1: Aspiration hazard – Category 1

**References:**

This information is based on the current available data (suppliers of raw materials, chemistry maps, Annex VI)

See also the internet site: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

**Revisions were made in sections marked with \*.**

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