

Safety Data Sheet

(according to Commission Regulation No. 830/2015/EC)

Date of elaboration: 17.07.2019

Date of revision: -

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Identification of product

IUPAC/ international chemical name -

Trade name: **Eco 62 heating oil**

CAS: -

EINECS/ELINCS: -

1.2 Identified use : Industrial use: fuel
Professional use: fuel

Uses advised against: -

1.3 Supplier (Producer): **FENIKS OIL ENERGY DOOEL. Negotino**

Street, No.: Ul. Industriska Nr.1

Zip Code:

City: Negotino

State: Republic of North Macedonia

Phone: +38971333888

Fax:

E-mail: fenix.oil.energy@gmail.com

1.4 Emergency number:

SECTION 2. HAZARD IDENTIFICATION

2.1 Classification of substance according to the EP and Council Regulation No.1272/2008 CLP

GHS02,07,08,09 Danger

Flam. Liq. 3, H226

Asp. Tox. 1, H304

Acute Tox. 4 , H332

Skin Irrit. 2, H315

Carc.2, H351

STOT RE 2, H373

Aquatic Chronic 2, H411

2.2 Label elements

Symbol



Signal word

Danger

Hazard statement

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H332 Harmful if inhaled.

H351 Suspected of causing cancer

H373 May cause damage to organs through prolonged or repeated exposure

H411 Toxic to aquatic life with long lasting effects.

Precautionary statement

P102 Keep out of reach of children.

P103 Read label before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves / protective clothing.

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

P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P501 Dispose of contents/container in accordance with current regional legislation as dangerous waste.

2.3 Other hazards

Contains:

Gasoil – unspecified
 Distillates (petroleum), hydrotreated light
 Lubricating oils (petroleum), hydrotreated spent
 Distillates (petroleum), hydrotreated heavy paraffinic

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Gasoil - unspecified	Distillates (petroleum), hydrotreated light
Concentration	50 - 80 %	
CAS	68334-30-5	64742-47-8
EC	269-822-7	265-149-8
Registration number		
Classification	GHS02,07,08,09 Flam. Liq. 3 Asp. Tox. 1 Acute Tox. 4 Skin Irrit. 2 Carc.2 STOT RE 2 Aqua. Chronic 2	GHS08 Asp. Tox. 1
H-statements	H226 H304 H315 H332 H351 H373 H411	H304
Signal word	Danger	Danger
Occupational exposure limit	-	-
PBT/vPvB	-	-
Other	-	-

Table continue:

Component	Lubricating oils (petroleum), hydrotreated spent	Distillates (petroleum), hydrotreated light paraffinic	Lubricating oils (petroleum), C15-30, hydro- treated neutral oil-based	Lubricating oils (petroleum), C ₂₀₋₅₀ , hydro- treated neutral oil-based
Concentration	5 – 35 %			
CAS	64742-58-1	64742-55-8	72623-86-0	72623-87-1
EC	265-161-3	265-158-7	276-737-9	276-738-4
Registration number				
Classification	GHS08 Asp. Tox. 1	-	-	-
H-statements	H304	-	-	-
Signal word	Danger	-	-	-
Occupational exposure limit	-	-	-	-
PBT/vPvB	-	-	-	-
Other	-	DMSO extract: < 3%	DMSO extract: < 3%	DMSO extract: < 3%

Table continue:

Component	Lubricating oils (petroleum), C ₂₄₋₅₀ , solvent-extd., dewaxed, hydrogenated	Distillates (petroleum), hydrotreated heavy paraffinic	Lubricating oils (petroleum), C>25, solvent-extd., deasphalted, dewaxed, hydrogenated	Fatty acids, vegetable-oil, Me esters
Concentration	5 – 15 %			< 7%
CAS	101316-72-7	64742-54-7	101316-69-2	68990-52-3
EC	309-877-7	265-157-1	309-874-0	273-606-8
Registration number				
Classification	-	GHS08 Asp. Tox. 1	GHS08 Asp. Tox. 1	-
H-statements	-	H304	H304	-
Signal word	-	Danger	Danger	-
Occupational exposure limit	-	-	-	-
PBT/vPvB	-	-	-	-
Other	DMSO extract: < 3%	DMSO extract: < 3%	DMSO extract: < 3%	-

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures	Inhalation Eyes Skin Ingestion	Move victim to fresh air. If difficulties persists, contact doctor. Wash eyes with plenty of water. If irritation persists, contact doctor. Remove contaminated clothing. Wash the skin with water and soap. Never induce vomiting! In case of ingestion immediately contact doctor.
4.2 Most important symptoms and effects, both acute and delayed		May be fatal if swallowed and enters airways. Causes skin irritation. Harmful if inhaled. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure (thymus, liver). Inhalation may lead to irritation of the respiratory tract. Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. If the product enters in airways/lungs may cause pneumonia and pulmonary oedema. In case of accidental ingestion may cause serious health problems.
4.3 Indication of any immediate medical attention and special treatment needed		In case of difficulties after incidental ingestion or in case of any above mentioned difficulties immediately contact doctor.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media	suitable not to be used	CO ₂ , powder, foam water in full jet
5.2 Special hazards arising from the substance or mixture		Hazardous decomposition products may form (carbon oxides and thick smoke). Flammable liquid and vapour. Vapours may form explosive mixture with air.
5.3 Advice for fire fighters		Use self-contained breathing apparatus. Wear protective clothing. Remove container rapidly out of reach of fire or cool it.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures Thermal hazard:		Avoid prolonged contact with skin and eyes. Wear suitable personal protection. Ensure adequate ventilation. Do not eat, drink and smoke! Remove sources of fire. Avoid access of unprotected and not informed persons.
6.2 Environmental precautions		Flammable liquid and vapour. Vapours may form explosive mixture with air. Avoid release of product in to the waters, watercourses and water sources as well as to the sewerage. If this happens, inform the responsible authorities.
6.3 Methods and material for containment and cleaning up		Stop leak without risk if possible. Pick up with not combustible absorbent materials (sand, earth) and take for disposal in closed, labelled containers.
6.4 Reference to other sections		Personal protection: section 8 Waste disposal: section 13

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling		Ensure ventilation of closed rooms. Avoid breathing vapours/spray. ensure adequate ventilation on workplace. Avoid contact with skin. Wear protective gloves. Keep safety and hygienic regulations for work with chemicals. Do not eat, drink or fume. Remove sources of fire. Take action to prevent static discharges. Vapours may form explosive mixture with air.
7.2 Conditions for safe storage, including any incompatibilities		Storage in original, tightly closed container in cool, dry, well ventilated room. Protect from sources of heat and naked flames and direct sunlight. Do not smoke. Do not store with incompatible materials. (see section 10.)
7.3 Specific end use(s)		fuel

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters (OEL)	no
DNEL workers	Gasoil - unspecified:* inhalation (long-term, systemic effect): 68,3 mg/m ³ inhalation (short-term, systemic effect): 102,7 mg/m ³ dermal (long-term, systemic effect): 2,9 mg/kg bw/day dermal (short-term, systemic effect): 111,11 mg/kg bw/day
DNEL population	Data not relevant
8.2 Exposure controls	Eye/face protection: protective glasses (EN 166)

Hand/skin protection: protective gloves (EN 374)
PVC, nitrile rubber,
thickness :0,33mm,
penetration time: > 480min

Respiratory protection: respirator (filter against organic vapours – P3)

Environmental exposure controls (PNEC) **Gasoil - unspecified:***
Sweet water: 21 µg/l

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	liquid
Color	yellow to brown, or according to colouring additive
Odour	characteristic (petroleum odour)
Odour treshold	data not available
pH	data not available
Melting point/freezing point [°C]	-1 to -7
Initial boiling point and boiling range [°C]	170 - 400
Flash point [°C]	min. 56
Evaporation rate	data not available
Flammability	data not available
Auto-ignition temperature [°C]	data not available
Decomposition temperature [°C]	data not available
Lower explosive limit	data not available
Upper explosive limit	data not available
Oxidation properties	data not available
Vapour pressure [hPa]	data not available
Vapour density	data not available
Relative density [g.cm-3]	max. 0,860 (15°C)
Solubility (water)	not soluble
Solubility (solvents) [g.l-1]	data not available
Partition coefficient: n-octanol/water	data not available
Viscosity	data not available
9.2 Other information	-

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity	data not available
10.2 Chemical stability	stable under proposed conditions of use and storage
10.3 Possibility of hazardous reactions	data not available
10.4 Conditions to avoid	high temperature, sources of burning, sparks, open flame
10.5 Incompatible materials	strong oxidisers
10.6 Hazardous decomposition products	In case of fire: see section 5

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity	Oral	data not available
LD ₅₀ /LC ₅₀	Dermal	data not available
	Inhalation	Harmful if inhaled. (<i>calculation based on composition: ATEmix: cca 6 mg/l</i>) <i>Gasoil - unspecified:4,6 mg/l/4 hour/rat*</i>
Skin corrosion/irritation		Causes skin irritation. (<i>calculation</i>)
Eye damage/irritation		Causes serious eye damage. (<i>calculation</i>)
Sensitisation	Skin	data not available
	Respiratory system	data not available
Mutagenity		no evidence
Carcinogenity		Suspected of causing cancer. (<i>calculation</i>)
Reproduction toxicity		no evidence
STOT SE		data not available

STOT RE

May cause damage to organs through prolonged or repeated exposure: thymus, liver. (*calculation*)

Aspiration toxicity

May be fatal if swallowed and enters airways. (*calculation*)

SECTION 12. ECOLOGICAL INFORMATION

12.1 Aquatic toxicity	Toxic to aquatic life with long lasting effects. (<i>calculation</i>)
12.2 Persistence and degradability	data not available
12.3 Bioaccumulative potential	data not available
12.4 Mobility in soil	data not available
12.5 PBT a vPvB	data not available
12.6 Other adverse effects	-

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Waste, contaminated absorbent material and contaminated packaging dispose in accordance with current regional legislation as dangerous waste (incineration plant). European Waste Catalogue Number: 13 07 01 Contaminated packaging dispose as dangerous waste.
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SECTION 14. TRANSPORT INFORMATION

ADR/RID	
14.1 UN number	3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3 Transport hazard class (es)	9.M6
14.4 Packing group	III
14.5 Environmental hazards	Toxic to aquatic life with long lasting effects.
14.6 Special precautions for user	Safety label: 9

SECTION 15. REGULATORY INFORMATION

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

Regulation No 1907/2006 of EP and Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
Regulation No 1272/2008 of EP and Council on classification, labelling and packaging of substances and mixtures

Commission Regulation 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Commission Directive 2000/39/EC on occupational exposure limit (OEL).

Restriction according to Commission Regulation No 552/2009 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards on Annex XVII: none

Candidate list substances (according to Annex XIV of EP and Council Regulation 1907/2006 REACH: none

15.2 Chemical safety assessment: not assessed

SECTION 16. OTHER INFORMATION

Revision: -

Wording of H-statements from section 3:

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H332 Harmful if inhaled.
H351 Suspected of causing cancer
H373 May cause damage to organs
H411 Toxic to aquatic life with long lasting effects.

Hazard classes:

Flam. Liq.: flammable liquid

Acute Tox.: acute toxicity

Asp. Tox.: aspiration toxicity

Skin Irrit.: skin irritation

Carc.: carcinogenicity

STOT SE: specific target organ toxicity, single exposition

STOT RE: specific target organ toxicity, repeated exposition

Aquatic Chronic : chronic toxicity to aquatic life

**) data according to ECHA*

Abbreviations:

OEL – Occupational exposure limit

DNEL – Derived no effect level

PNEC – Predicted no effect concentration

Requirements for packaging in case of selling to the general public:

child-resistant fastenings

tactile warning