

# Safety Data Sheet

## Section 1 Identification of the substance/mixture and of the company/undertaking

Product identifier	
Product name:	Elpárolgó kenőolaj
Application of the substance / the mixture	Relevant identified uses: vanishing oil
Details of the supplier of the safety data sheet	
Supplier:	Thomasker Finomvegyszer Kft.
Address:	1163 Budapest, Cziráki u. 26-32.
Tel.:	+36-1-403-58-10
Fax:	+36-1-403-86-55
E-mail:	info@thomasker.hu
Emergency telephone number	Egészségügyi Toxikológiai Szolgálat +06/80-201-199

## Section 2 Hazards identification

### 2.1 Classification of the mixture or substance

Hazard Class and Category: Hazard statement:

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

### 2.2 Label elements

Product identification: Trade name: Elpárolgó kenőolaj

Hazardous component:

Hydrocarbons, C11-C12, isoalkanes

Hydrocarbons, C11 – C13, isoalkanes, <2% aromatics



GHS Pictogram:

Signal word: Danger

Hazard statement:

H304 May be fatal if swallowed and enters airways.

Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements – General: -

Precautionary statements – Prevention:

P273 Avoid release to the environment.

Precautionary statements – Response:

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

P331 Do NOT induce vomiting.

Precautionary statements – Storage: -  
 Precautionary statements – Disposal:  
 P501 Dispose of contents/container in accordance with national regulation.

Other liabilities for labelling:  
 Tactile warning of danger: Distribution for population.  
 Transport classification: see section 14.

### 2.3 Other hazards

The product does not contain any PBT or vPvB substance according to annex XIII of regulation (EC) 1907/2006.

## Section 3 Composition/information on ingredients

### 3.2 Mixtures

Chemical description: Mixture of isoalkanes containing additives  
 Component(s) / Hazardous component(s):

Name	EU number	CAS number	Hazard classes and cat.	Hazard statements	Conc. %(m/m)
Hydrocarbons, C11-C12, isoalkanes	918-167-1	-	Flam. Liq. 3 Asp. Tox. 1	H226 H304 EUH066	max. 98
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics*	920-901-0	-	Asp. Tox. 1	H304	max. 50
2,6-di-tert-butyl-p-cresol	204-881-4	128-37-0	Aquatic Acute 1 Aquatic Chronic 1	H400 (M=1) H410 (M=1)	max. 0,1

\*: with exposure limit

The full text of each relevant H- phrase and Hazard classes and cat. see in Section 16.

## Section 4 First aid measures

### 4.1 Description of first aid measures

General information: Never give anything by mouth to an unconscious person, or never induce vomiting.

Inhalation: Remove the affected person to fresh air. Keep warm, and allow to rest.  
 Loosen tight clothing. If necessary perform the artificial respiration. Get medical attention.

Skin contact: Remove contaminated clothing. Wash skin with large amounts of water, use soap. In case of persistent irritation, get medical attention.

Eye contact: Flush eyes with plenty of water for 10-15 minutes. In case of persistent irritation, get medical attention.

Ingestion: If swallowed DO NOT induce vomiting. Get prompt medical attention. In case of spontaneous vomiting, the head should be turned down.

Protection of first-aid person: No individual specifications.

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

Skin contact: Repeated exposure may cause skin dryness or cracking.

Inhalation: irritation in respiratory tract and for mucous membranes. Headache, nausea, vomiting, changes in mental status.

Ingestion: Nausea. Vomiting. Abdominal pain. Diarrhea.

The product may enter the lungs due to its low viscosity and lead to the rapid development of very serious inhalation pulmonary lesions.

Eye contact: Burning feeling and temporary redness.

Delayed Effects: Aspiration (inhalation of foreign matter into the airways) symptoms of pneumonia often occur only a few (6 - 8) hours later and physical exertion increases their severity. This is why it is important to rest and medical observation.

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

In case of ingestion get medical attention immediately. The injured person should be kept under observation.

### **Section 5 Fire-fighting measures**

Fire hazards:

Combustible.

#### **5.1 Extinguishing media**

Suitable extinguishing media:

Foam, carbon dioxide, dry chemical powder.

Unsuitable extinguishing media:

Water jet.

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

Hazardous combustion products:

On burning, carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot can be formed.

#### **5.3 Advice for fire-fighters**

Special protective equipment:

According to the existing fire-fighting regulations.

Further information:

Vapours can form flammable/explosive vapour-air mixtures.

Vapours may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

Contaminated extinguishing water must be disposed of in accordance with official regulations.

### **Section 6 Accidental release measures**

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

Personal precautions: see Section 8.

Danger of slipping on leaked out/spilled product.

#### **6.2 Environmental precautions:**

Prevent spills from entering into natural water, soil and drains by containing the liquid.(explosion risk).Eliminate all sources of ignition in vicinity of spilled material. Notify relevant authority.

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

On soil:

Stop leak if you can do so without risk. Remove all kind of ignition sources. Recover free liquid by pumping (explosion risk). Contain spilled liquid with sand, earth or other suitable absorbents and place in suitable containers for recycle or disposal. Use explosion-proof equipment. Dispose of according to local regulations.

On water:

Confine the spillage. Remove from surface by skimming or suitable absorbents. Notify local authorities according to regulations.

### 6.4 Reference to other sections

Personal precautions: see section 8.

Waste treatment methods: see section 13.

## Section 7 Handling and storage

### 7.1 Precautions for safe handling

Keep general measures applied for normal operations with flammable materials.

Use only in well ventilated areas. Keep away from any source of ignition (open flame and sparks), and heat (hot surfaces).

Use explosion-proof equipment. Take precautionary measures against static discharges.

When using do not eat, drink or smoke. Avoid splash of product.

Do not use compressed air or oxygen for filling, discharging, or handling operations.

Avoid contact with skin. Avoid breathing in fumes/vapour/mists.

Do not spray at high pressure (>3 bar).

Ensure washing facilities after working hours and before breaks. Take off contaminated or oil-soaked clothing, wash with warm water and soap.

When using do not eat, drink or smoke. Avoid splashing the product.

Handling temperature: not given

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

Keep general measures applied for normal storage of flammable materials.

Keep away from radiant heat, open flame. Keep away from strong oxidizing agents and acids.

Store in dry place in tightly closed, original containers.

Prevent any build-up of static electricity.

Packing materials: hydrocarbon resistant (carbon-steel, stainless steel).

Operate only on cold and degassed reservoirs in ventilated premises (to avoid risk of explosion).

Storage temperature: max. 30°C

### 7.3 Specific end use(s)

Vanishing oil.

## Section 8 Exposure controls / personal protection

Engineering control measures:

Adequate ventilation or local exhaust.

Use explosion-proof equipment/fittings and non-sparking tools.

### 8.1 Control parameters:

Mineral oil mist:

TWA: 5 mg/m<sup>3</sup>; STEL: 10 mg/m<sup>3</sup>, for oil mist, vapour excluded (ACGIH).

Method of testing, recommended: NIOSH 5026

### 8.2 Exposure controls

Personal protection:

Respiratory protection:

Breathing apparatus not required.

If the vapor concentration exceeds the exposure limit, wear suitable respiratory equipment.

In case of vapours or sprays formation: combined gas cartridge (filter A/P2).

Be aware that filter protection time is limited.

Hand protection:

Liquid proof aliphatic solvent resisting gloves (EN 374):

In case of splashes or limited contact:

Polychloroprene. Thickness >0,7 mm. Permeation time: > 60 minutes.

PVC. Thickness >1,5 mm. Permeation time: > 30 minutes.

In case of prolonged or repeated contact:

Fluoro polymer and PVA. any thickness. Permeation time: > 480 minutes.

Note: Manufacturer's directions for use and the conditions of application should be observed.

Eye protection:

Goggles, in case of risk of splashing (EN 166).

Skin protection:

Protective clothing (hydrocarbon resistant).

Other special:

No data.

Environmental exposure controls:

Do not discharge into drains/surface waters/groundwater.

## Section 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance:

Physical state:

liquid

Colour:

light yellow, clear

Odour:

characteristic

Change in physical state:

Pour point (ISO 3016):

< -30°C

Boiling point:

not available

Others:

Flash point (PM) (EN ISO 2719):

> 65°C

Ignition point (EN ISO 2592):

not available

Autoignition temperature:

not available

Explosive properties:

Product is not explosive. However, formation of explosive air/steam mixtures is possible.

Oxidizing properties:

not oxidize

Vapour pressure at 20°C:

negligible

Density at 15°C (EN ISO 12185):

0.75 – 0.79 g/cm<sup>3</sup>

Solubility in water:

practically insoluble in water

n-Octanol/water partition coefficient:

not available

Vapour density:

not available

Kinematic viscosity at 20°C (EN ISO 3104):

typ. 1.75 mm<sup>2</sup>/s

pH:

not applicable

### 9.2 Other information

no data available

## Section 10 Stability and reactivity

### 10.1 Reactivity:

Dangerous reactivity not known.

### 10.2 Chemical stability:

No decomposition if stored and handled properly.

### 10.3 Possibility of hazardous reactions:

Not known.

### 10.4 Conditions to avoid:

Direct heat or ignition sources (temperature above flash point, sparks, flames), static electricity.

### 10.5 Incompatible materials:

Strong oxidizing agents, strong acids.

### 10.6 Hazardous decomposition products:

No dangerous decomposition products are formed under normal conditions. Hazardous combustion products: See Section 5.

## Section 11 Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity: No data available for the product.

*Component:*

*Hydrocarbons, C11-C12, isoalkanes:*

Oral (OECD 401):	LD50 (rat)	> 5000	mg/kg
Dermal (OECD 402):	LD50 (rabbit)	> 5000	mg/kg/24 h
Inhalation (OECD 403):	LD50 (rat)	> 5000	mg/kg/8 h

Acute toxicity: irritation

Skin:

not irritant (based on components)

Eye:

not irritant (based on components)

Respiratory or skin sensitisation:

not sensitising (based on components)

Other information, specific effects:

Germ cell mutagenicity:

not known, resp. not mutagen (based on components)

Carcinogenicity:

not known, resp. not carcinogen (based on components)

Reproductive toxicity:

not known, resp. no reproduction-damaging effect (based on components)

STOT-single exposure:

not classified.

STOT-repeated exposure:

not classified.

Aspiration hazard:

May be fatal if swallowed and enters airways.

## Section 12 Ecological information

### 12.1 Toxicity

**No data available.**

*Component (acute):*

*Hydrocarbons, C11-C12, isoalkanes:*

*Based on data from similar materials*

Fish (Oncorhynchus mykiss, LL00

1000 mg/l/96 h

OECD 203):

Daphnia (Daphnia magna, ELO OECD 202):	1000 mg/l/48 h
Algae (Pseudokirchneriella subcapitata, OECD 201):	1000 mg/l/72 h
Algae (Pseudokirchneriella subcapitata, OECD 201):	1000 mg/l/72 h
Component (chronic):	
Hydrocarbons, C11-C12, isoalkanes:	
Daphnia (Daphnia magna, NOELR OECD 211):	>=1 mg/l/21 day

## 12.2 Persistence and degradability

Biodegradability: No data available.

Alkanes, C11-12-iso-: 31 %/28 day (OECD 301 F)

## 12.3 Bioaccumulative potential

No data available.

## 12.4 Mobility

Mobility in soil Evaporates relative easily from water surface and soil.

Less mobility in soil.

Mobility in water: Floats on water. Evaporates relative easily from water.

## 12.5 Results of PBT and vPvB assessment

Does not contain PBT and vPvB substances.

## 12.6 Other adverse effects

Heavy metal content: None.

PCT, PCB and other chlorinated hydrocarbons: None.

Environmental effects: Spills may form a film on water surfaces causing impaired oxygen transfer.

Water hazard class (German): WGK 1 (Classification by VwVwS)

## Section 13 Disposal considerations

### 13.1 Waste treatment methods

Product disposal:

Wastes of the product or used oil should be treated as hazardous waste.

Waste Identification Code: 13 02 05\*

Mineral-based non-chlorinated engine, gear and lubricating oils.

Waste Identification Code: 12 01 07\*

Mineral-based machining oils free of halogens (except emulsions and solutions).

Disposal must be in compliance with national and local regulations.

Recommended waste treatment method: incineration

Packaging disposal:

Containers with product residue should also be treated as hazardous waste according to national and local disposal regulations.

Waste Identification Code: 15 01 10\*

Packaging containing residues of or contaminated by dangerous substances.

Wastewater:

Quality of wastewater emitted to natural water must comply with national and local regulations.

Care should be taken in any case to ensure compliance with EC, national and local regulations. It is the responsibility of the user to know all relevant national and local regulations.

## Section 14 Transport information

Land transport:

Road/ Railway

ADR/RID:

Not classified.

14.1.

UN number:

not classified.

14.2.

UN proper shipping name:

not classified.

14.3.

Transport hazard class(es):

not classified.

14.4.

Packing group:

not classified.

14.5.

Environmental hazards:

not classified.

14.6.

Special precautions for user:

not classified.

Waterways:

Inland waterways/  
transport

Sea

ADN/IMDG:

Not apply to the product.

Air transport:

ICAO / IATA:

Not apply to the product.

## Section 15 Regulatory information

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

This safety data sheet has been prepared according to Regulation (EC) No 1907/2006 (mod.: 2015/830/EU) and to Regulation (EC) 1272/2008.

### 15.2 Chemical safety assessment.

not available

## Section 16 Other information

The information given in this data sheet is based on our best knowledge at the time of publication. The information is related only to this product and is intended to assist its safe transport, handling and use. The given physical and chemical parameters describe the product only for the purpose of safety requirements and therefore should not be construed as guaranteeing any specific property of the product or as being part of a product specification or any contract.

The manufacturer or supplier shall not take responsibility for any damages from the use other than recommended or other misuse of the product. It is the responsibility of the user to keep regulatory precautions and observe recommendations for safe use of the product.

Source of data presented in this material safety data sheet:

Test results of this product

Material safety data sheets of product's components

Hungarian and EU lists of dangerous substances

Relevant Hungarian regulation and EU directives

The full text of each relevant H- phrase and Hazard classes and cat. in Section 3.:

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Flam. Liq. 3 Flammable liquid Category 3

Asp.Tox. 1 Aspiration hazard Category 1

Aquatic Acute 1 Hazardous to the aquatic environment, Acute Category 1

Aquatic Chronic 1 Hazardous to the aquatic environment, Chronic Category 1



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