

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1. Product identifier:
GOLDEN LIGHT MOSQUITO REPELLENT OIL LAMP
- 1.2. Relevant identified uses of the mixture and uses advised against:
Oil lamp for indoors, for private use.
Insect repellent agent.
- 1.3. Details of the supplier of the safety data sheet:
Memória CopyCare Hungary Kft.
2330 Dunaharaszti, Kossuth u. 93.
Tel.: +36-24/260-760
Fax: +36-24/260-860
E-mail: memoriaglass@memoriaglass.hu
- 1.3.1. Responsible person: Surányi János
E-mail: suranyij@memoriaglass.hu
- 1.4. Emergency telephone number: +36-30/940-1991

SECTION 2: HAZARDS IDENTIFICATION

- 2.1. Classification of the mixture:

Classification according to Regulation 1272/2008/EC (CLP):
Aspiration hazard 1 – H304

Warning **H statements:**
H304 – May be fatal if swallowed and enters airways.
- 2.2. Label elements:

Components which define the hazards: Distillates (petroleum), hydrotreated light
Biocide active agent content: Eucalyptus citriodora oil, hydrated, cyclized (CAS: 1245629-80-4) 1,2 %



Warning **H statements:**
H304 – May be fatal if swallowed and enters airways.

EUH 066 – Repeated exposure may cause skin dryness or cracking.

Precautionary **P statements:**
P102 – Keep out of reach of children.
P103 – Read label before use.
P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 – Do NOT induce vomiting.
P405 – Store locked up.
P501 – Dispose of contents/container to hazardous or special waste collection point.

Keep lamps filled with this liquid out of the reach of children.
Just a sip of lamp oil — or even sucking the wick of lamps — may lead to life-threatening lung damage.

Note:

Biocide product, observe regulations stated in Regulation 528/2012/EU (of 22 May 2012 concerning the making available on the market and use of biocidal products) for packaging/labelling of the product.

2.3. Other hazards:

Physical hazards: product vapors may form an explosive mixture with air.

Adverse effects on the environment: do not allow material into the environment.

Results of PBT and vPvB assessment: no information available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substance:**

Not applicable.

3.2. Mixture:

Description	CAS number	EU number	REACH reg. nr.	Conc. (%)	Classification: 1272/2008/EC (CLP)		
					Hazard pict.	Hazard cat.	H phrase
Distillates (petroleum), hydrotreated light* Index: 649-422-00-2	64742-47-8	265-149-8	-	98,8	GHS08 Dgr	Asp. Tox.1	H304 EUH066
Eucalyptus citriodora oil, hydrated, cyclized **	1245629-80-4	-	-	1,2	-	-	-

*: Total aromatic content: < 0,5 %

**: Classification provided by the manufacturer, the substance is not listed at Annex VI of Regulation 1272/2008/EC.

For the full text of H phrases: see Section 16.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures:**

GENERAL INFORMATION: When in doubt or if symptoms persist, seek medical attention.

IN CASE OF INGESTION:

Measures:

- Obtain immediate medical attention and show him the label.
- Do not induce vomiting.
- Place the victim into comfortable position.
- Do not give the victim anything to eat or drink, and do not induce vomiting if the victim is unconscious.

IN CASE OF INHALATION:

Measures:

- Take the victim into fresh air, loosen his clothes and let him rest.
- If the breathing has stopped, give artificial respiration, if breathing is difficult, give oxygen.
- In case of unconsciousness place victim in stable side position.
- Obtain immediate medical attention and show him the label.

IN CASE OF SKIN CONTACT:

Measures:

- Remove the contaminated clothes.
- Wash the contaminated area with plenty of flowing water (for 15 minutes).
- In case of symptoms, obtain medical attention and show him the label!

IN CASE OF EYE CONTACT:

Measures:

- In case of contact with eyes flush with water holding eyelids apart and moving the eyeballs /for at least 15 minutes/.
- In case of persistent symptoms, obtain medical help.

4.2. Most important symptoms and effects, both acute and delayed:

No data available.

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

No data available.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media:

5.1.1. Suitable extinguishing media:

Dry chemical, foam, carbon dioxide, sand.

5.1.2. Unsuitable extinguishing media:

Do not use full water jet, because it can disperse and spread fire.

5.2. Special hazards arising from the substance or mixture:

The formation of dangerous decomposition products greatly depends on the circumstances of the combustion. A complex mixture of airborne solid, liquid and gas substances may occur, such as carbon monoxide, carbon dioxide and unidentified compounds.

In case of fire, smoke and other combustion products may be formed, the inhalation of such combustion products can have serious adverse effects on health.

5.3. Advise for firefighters:

Wear full protective clothing and self-contained breathing apparatus.

The extinguishing water should not be allowed to drains or watercourses.

Cool the fire affected containers with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency personnel:

Keep unprotected people away, allow only well trained experts wearing suitable protective clothing to abide in the field of accident.

6.1.2. For emergency responders:

Wear appropriate personal protective equipment.

6.2. Environmental precautions:

Dispose the spillage and the resulting waste according to the applicable environmental regulations. Do not allow the product and the resulting waste to enter sewers/soil/surface or ground water. Notify the respective authorities in accordance with local law in the case of environmental pollution immediately.

6.3. Methods and material for containment and cleaning up:

Collect the spilled product with non-combustible absorbent (eg.: a dry sand, vermiculite, activated carbon), then place into a suitable, closed, properly labelled chemical waste container for removal/disposal.

During disposal wearing of suitable personal protective equipment is recommended.

6.4. Reference to other sections:

For further and detailed information see section 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling:

Observe conventional hygiene precautions.

Wear appropriate personal protective equipment!

Do not eat, drink and smoke in the place of the handling, storage and processing of the product.

Thorough hand and face washing is required before eating, drinking and smoking.

Avoid contact with eyes, skin and clothing.

Do not swallow.

Technical measures:

Ensure adequate ventilation.

Precautions against fire and explosion:

Empty containers may contain product residues that can be dangerous. Do not re-use the container.

7.2. Conditions for safe storage, including any incompatibilities:

Technical measures and storage condition:

Keep in original, closed and appropriately labelled container.

The place of storage has to be properly ventilated and cleanable.

Store in cool and dry place.

Follow all instructions on the label.

Incompatible materials: oxidizing agents, strong acids.

Packaging material: Use such substances for the material or the coating of the containers which were exactly approved for the use with the current product. Certain synthetic materials are inappropriate for the material or the coating of the containers, depending on the material specification and the intended use. The compatibility has to be checked with the manufacturer.

Lamp oils and grill lighters, labelled with H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.

7.3. Specific end use(s):

No specific instructions available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters:**

Occupational exposure limit values:

The components of the mixture are not regulated with exposure limit value.

DNEL		Routes of exposure	Exposure frequency:	Remarks:
Worker	Consumer			
no data available	no data available	Dermal	Short term (acute) Long term (repeated)	no data available
no data available	no data available	Inhalative	Short term (acute) Long term (repeated)	no data available
no data available	no data available	Oral	Short term (acute) Long term (repeated)	no data available

PNEC			Exposure frequency:	Remarks:
Water	Soil	Air		
no data available	no data available	no data available	Short term (single use) Long term (continuous)	no data available
no data available	no data available	no data available	Short term (single use) Long term (continuous)	no data available
no data available	no data available	no data available	Short term (single use) Long term (continuous)	no data available

8.2. Exposure controls:

In case of a hazardous material with no controlled concentration limit it is the employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers.

8.2.1 Appropriate engineering controls:

In pursuance of work is proper foresight needed to avoid spilling onto clothes and floors and to avoid contact with eyes and skin.

In the vicinity of the workplace safety shower and eye washing fountain has to be installed.

After the handling of the product, and before eating, smoking and using lavatory and after the work hours thorough hand-, forearm- and face washing is required.

Observe conventional hygiene precautions. Ensure adequate ventilation.

Use appropriate equipments to remove the contaminated clothes.

8.2.2. Individual protection measures, such as personal protective equipment:

1. Eye/face protection: to avoid splash risk use appropriate, tightly fitting protective gloves or full face mask according to the EN 166 standard.
2. Skin protection:
 - a. Hand protection: use appropriate solvent resistant protective gloves, made from nitrile rubber (EN 374). Breakthrough time > 480 min.
 - b. Other: use appropriate, solvent proof protective clothes.
3. Respiratory protection: normally not necessary, in case of insufficient ventilation wear appropriate respiratory protection.
4. Thermal hazard: None known.

8.2.3. Environmental exposure controls:

No specific prescription.

The requirements detailed in Section 8 assume skilled work under normal conditions and usage of the product for appropriate aims. If conditions differ from normal or work is carried out under extreme conditions an expert's advice should be sought out before deciding upon further protective measures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties:**

Parameter	Test method:	Remarks:
1. Appearance:		colourless liquid
2. Odour:		characteristic
3. Odour threshold:		no data available
4. pH value:		no data available
5. Melting point/ freezing point:		no data available
6. Initial boiling point and boiling range:		180 – 245 °C
7. Flash point:		> 61 °C
8. Evaporation rate:		no data available
9. Flammability (solid, gas):		no data available

10. Upper/lower flammability or explosive limits:	0,6 – 6,5 vol. %		
11. Vapour pressure:	3 – 15 hPa	20 °C	
12. Vapour density:	no data available		air = 1
13. Relative density:	no data available		
14. Solubility(ies):	1 g/l (in water)	20 °C	
15. Partition coefficient: n-octanol/water:	no data available		
16. Auto-ignition temperature:	no data available		
17. Decomposition temperature:	no data available		
18. Viscosity:	no data available		
19. Explosive properties:	no data available		
20. Oxidizing properties:	no data available		
9.2. <u>Other information:</u>			
Density: 0,7 – 0,9 g/cm ³			

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:
None known.
- 10.2. Chemical stability:
Stable within normal temperature and general work conditions.
- 10.3. Possibility of hazardous reactions:
In case of normal conditions: none.
- 10.4. Conditions to avoid:
Temperature above flash point, open flame, sparks, electrostatic charge.
- 10.5. Incompatible materials:
Oxidizing agents, strong acids.
- 10.6. Hazardous decomposition products:
During the burning of the product toxic combustion products, carbon monoxide, carbon dioxide, hydrocarbons, aldehydes, carbon black may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1. Information on toxicological effects:
 Acute toxicity: based on the information available, the criteria for classification is not fulfilled.
 Skin corrosion/irritation: based on the information available, the criteria for classification is not fulfilled.
 Serious eye damage/eye irritation: based on the information available, the criteria for classification is not fulfilled.
 Respiratory or skin sensitisation: based on the information available, the criteria for classification is not fulfilled.
 Germ cell mutagenicity: based on the information available, the criteria for classification is not fulfilled.
 Carcinogenicity: based on the information available, the criteria for classification is not fulfilled.
 Reproductive toxicity: based on the information available, the criteria for classification is not fulfilled.
 STOT-single exposure: based on the information available, the criteria for classification is not fulfilled.
 STOT-repeated exposure: based on the information available, the criteria for classification is not fulfilled.
 Aspiration hazard: may be fatal if swallowed and enters airways.
- 11.1.1. For substances subject to registration, brief summaries of the information derived from the test conducted:
No data available.
- 11.1.2. Relevant toxicological properties of the hazardous substances:
 Information about the product:
 Acute toxicity:
 LD50 (oral, rat): 2000 mg/kg
 LD50 /dermal, rabbit/: 2000 mg/kg
 Germ cell mutagenicity:
 Based on currently available toxicological information, the product is not classified as mutagenic.
 Carcinogenicity:
 Based on currently available toxicological information, the product is not classified as carcinogenic.
 Reproductive toxicity:
 Based on currently available toxicological information, the product is not classified.
 Target organ toxicity (STOT) Single exposure: CNS. May cause drowsiness, dizziness.
 Aspiration hazard: Due to low viscosity the liquid can aspirate during ingestion into the lungs and can cause chemical / toxic / pneumonia.
- 11.1.3. Information on likely routes of exposure:
Ingestion, inhalation, skin contact, eye contact.

- 11.1.4. Symptoms related to the physical, chemical and toxicological characteristics:
Skin contact: Not classified. Dryness of the skin.
Eye contact: Not classified. May cause burning sensation and temporary redness.
Inhalation: In case of a large amount of vapor / smoke / aerosol inhalation can irritate the upper respiratory tract. Prolonged inhalation can lead to depression of the central nervous system (headache, dizziness, drowsiness or loss of consciousness).
Ingestion: Harmful. Irritating to the digestive system, the liquid can aspirate during ingestion into the lungs and can cause chemical / toxic / pneumonia. Symptoms of pneumonia often occur only a few / 6-8 / hours later, physical exertion increases the strength. Medical care in the first 48 hours is necessary.
- 11.1.5. Delayed and immediate effects as well as chronic effects from short and long-term exposure:
May be fatal if swallowed and enters airways.
Repeated exposure may cause skin dryness or cracking
- 11.1.6. Interactive effects:
No data available.
- 11.1.7. Absence of specific data:
No information.
- 11.1.8. Other information:
No data available.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1. Toxicity:
The product is not classified as dangerous for the environment.
Do not enter into drains, watercourses and soil.
Harmful for aquatic organisms: LC50: 3 – 230 mg/l/96h
- 12.2. Persistence and degradability:
BOD5/COD: 0,54 biodegradable.
- 12.3. Bioaccumulation potential:
logKow: 2,1 – 6 (literature data), 5,5 – 6 (calculated data).
Potentially bioaccumulative (reduced in metabolic processes).
- 12.4. Mobility in soil:
If leaking into the ground reaches the ground water, the soluble components may spread easily. Hydrocarbons with large molecular weight can be absorbed into soil or organic materials of sediment.
- 12.5. Results of PBT and vPvB assessment:
No data available.
- 12.6. Other adverse effects:
The substance does not contain any compounds hazardous for the ozone layer.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods:
Disposal according to the local regulations.
- 13.1.1. Information regarding the disposal of the product:
The waste generation should be minimized.
The surplus and the non-recyclable waste have to be sent to a licensed waste management company.
Do not enter into drains, watercourses and soil. The disposal has to be done according to the local regulations. During the disposal of the product, its residue and its packaging the national and local prescriptions should be observed. The EWC codes indicated below are only recommendations, but they may have to be changed due to special circumstances, in such cases new classification may be needed.
European Waste Code:
For this product no waste disposal key according the European Waste Catalogue (EWC) can be determined, as only the purpose of application defined by the user enables an allocation. The European waste code number has to be determined after a discussion with a specialist dealing with waste disposal.
- 13.1.2. Information regarding the disposal of the packaging:
Dispose according to the relevant regulations.
- 13.1.3. Physical/chemical properties that may affect waste treatment options shall be specified:
None known.
- 13.1.4. Sewage disposal:
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
Do not empty into drains; dispose of this material and its container in a safe way.
- 13.1.5. Special precautions for any recommended waste treatment:
Immediately clean the spillages and dispose the waste in a safe way. The waste or used bags/containers have to be disposed according to the local regulations.

SECTION 14: TRANSPORT INFORMATION**Not dangerous good in sense of the transport regulations.**

- 14.1. UN Number:
None.
- 14.2. UN proper shipping name:
None.
- 14.3. Transport hazard class(es):
None.
- 14.4. Packaging group:
None.
- 14.5. Environmental hazards:
No relevant information available.
- 14.6. Special precautions for user:
No relevant information available.
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:
Name of the product: n-Alkanes C10+
Ship type: 3
Pollution category: Z

SECTION 15: REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:
 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

 Commission Regulation (EU) 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)

 REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 May 2012 concerning the making available on the market and use of biocidal products

 The mixture contains a component, which is listed in Annex XVII of the Regulation 1907/2006 / EC of the European Parliament and of the Council, therefore it is subject to restrictions (see item 3 of regulation 552/2009/EC and regulation 276/2010/EC).
- 15.2. Chemical safety assessment: no information available.

SECTION 16: OTHER INFORMATION

Information regarding the revision of the safety data sheet:
 The safety data sheet has been revised according to Regulation (EU) 2015/830 (Section 1-16).

Full text of the abbreviations in the safety data sheet:

DNEL: Derived no effect level. PNEC: Predicted no effect concentration. CMR effects: carcinogenity, mutagenicity and toxicity for reproduction. PBT: Persistent, bioaccumulative and toxic. vPvB: Very Persistent, Very Bioaccumulative. n.d.: not defined. n.a.: not applicable.

Data sources:

previous version of the safety data sheet (26. 10. 2015., version 6)

Methods used for the classification according to Regulation 1272/2008/EC:

Aspiration hazard 1 – H304

Based on calculation method

Relevant H-Phrases (number and full text) of Section 2 and 3:

H304 – May be fatal if swallowed and enters airways.

EUH 066 – Repeated exposure may cause skin dryness or cracking.

Training advice: no data available.

This safety data sheet had been prepared on the basis of information provided by the manufacturer/supplier and conform to the relevant regulations.

The information, data and recommendations contained herein are provided in good faith, obtained from reliable sources and believed to be true and accurate as of the date issued; however, no representation is made as to the comprehensiveness of the information. The SDS shall be used only as a guide for handling the product; in the course of handling and using the product other considerations may arise or be required.

Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product. It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.

Safety data sheet was prepared by: ToxInfo Kft.

Professional help regarding the explanation of the safety data sheet:
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