


SAFETY DATA SHEET		
according to Regulation (EC) No. 1907/2006 of the European Parliament and Council, as amended by Regulation (EC) 830/2015.		
LIQUID PARAFFIN EP		
Release date: 27/11/2008	Date of revision: 07.01.2019	Version F

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

<b>1.1</b>	<b>Product identifier</b>	
	Name:	LIQUID PARAFFIN EP
	INCI name	Liquid paraffin
	CAS number:	8042-47-5
	Registration number:	01-2119487078-27-0010
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>		
	Intended uses:	Production of the substance, use in cleaning agents, metalworking fluids, as binders and release agents, production and processing of rubber, processing of polymers, agrochemicals, intermediate product, lubricants, use in laboratories, production and use of explosives, functional liquids, paint materials, distribution, packaging/repackaging, use in cosmetic products.
	Unrecommended uses: <b>1.3</b>	Data not available
<b>Detailed information about the supplier of the safety data sheet</b>		
	Place of business or registered office:	Ekokoza sro, Fryšovice 297 73945, Fryšovice, ID: 07508247, Tax ID: CZ07508247
	Telephone:	+420 605779993
	Professionally qualified person: eshop@ekokoza.cz	
<b>1.4 Telephone number for emergency situations</b>		
	Toxicology Information Center, Na Bojišti 1, Prague (24/7) +420-224919293 +420-224915402	
	Information only for health risks - acute poisoning of humans and animals	

**SECTION 2: Hazards identification**

<b>2.1</b>	General classification of the mixture:		According to Regulation (EC) 1272/2008, it is a dangerous substance.
	Dangerous effects on health:		It can cause death if swallowed and enters the respiratory tract.
	Dangerous effects on life. the environment is not		
	Physico-chemical effects		-
	<b>Classification of substance or mixture</b>		
	Classification according to 1272/2008	Hazard class and category codes	Codes of standard sentences about danger:
	Asp. Tox.1	H304	
<b>2.2 Marking elements</b>			
	Danger warning symbol		
	Signal word:	Danger	
	Standard hazard statements: H304 May cause death if swallowed and enters airways.		
	Standard phrases for safe handling:	P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor. P405 Store locked up. P501 Dispose of contents/container in accordance with applicable legislation.	
	Additional information	The product is classified as dangerous because the viscosity is < 20.5 mm <sup>2</sup> /s (at 40°C).	
<b>2.3</b>	<b>Another danger</b> It isn't.		

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SECTION 3: Composition/information on ingredients				
Mixtures				
Folder identifier	Concentration / range concentration %	CAS number EC number REACH	Classification 1272/2008	
Liquid paraffin	100	8042-47-5 232-455-8 01-2119487078-27-0010	Asp. Tox.1	H304
The full wording of R-phrases, H-phrases is given in chapter 16.				

SECTION 4: First aid measures	
<b>4.1 Description of first aid</b>	
	Familiarize yourself with the safety data sheet, or show it to the doctor.
	Inhalation: May cause death if large amounts are swallowed and enter the respiratory tract. Call a POISON CENTER or doctor immediately.
	In case of skin contact: In case of skin irritation or reaction, in case of persistent problems seek medical attention help.
	In case of eye contact: Rinse with a sufficient amount of lukewarm water (approx. 15 min.). In case of difficulties, search doctor.
	If ingested: Seek medical attention immediately. Call TOXICOLOGICAL INFORMATION CENTER. Rinse your mouth with water. Move victim to fresh air. Do not induce vomiting. In case of problems, seek medical help.
<b>4.2</b>	<b>Most important symptoms and effects, both acute and delayed</b>
	No acute or delayed manifestations are known.
<b>4.3 Instructions for immediate medical attention and special treatment</b>	
	Call a POISON CENTER or doctor immediately.

SECTION 5: Firefighting measures	
<b>5.1 Liability</b>	
Suitable extinguishing	Water spray, carbon dioxide, dry fire extinguishing chemicals, foam.
agents: Unsuitable extinguishing agents:	Direct stream of water. The simultaneous use of foam and water is not allowed, because water destroys the foam.
<b>5.2 Special hazards arising from the substance or mixture</b>	
	In case of fire, dangerous gases and vapors may be produced. Cool hazardous containers with water or remove them from reach fires if it can be done safely
<b>5.3 Instructions for firefighters</b>	
	Normal protective clothing for firefighters, self-contained breathing apparatus, normal protective measures in case of fire.

SECTION 6: Accidental release measures	
<b>6.1 Personal protection measures, protective equipment and emergency procedures</b>	
	Observe normal work and hygiene regulations.
<b>6.2 Environmental protection measures</b>	
	In the event of an accident, prevent a large amount of product from entering the environment.
<b>6.3 Methods and material for containment and cleaning up</b>	
	Cover the spilled liquid with a non-flammable, inert sorbent, then place it in a suitable container and dispose of it in accordance with regulations.
<b>6.4 Reference to Other Sections</b>	
	See section 7 for information on safe handling.
	See Section 8 for information on personal protective equipment.
	See section 13 for disposal information.

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Use recommended PPE. Avoid swallowing the substance.

Wash hands with soap and water after work, before eating, drinking and smoking.

**7.2 Conditions for safe storage of substances and mixtures, including incompatible substances and mixtures**

Store in a cool, dry place in closed containers, away from heat, flames and direct sunlight

sunlight. Always store in marked containers.

Avoid entering the environment.

**7.3 Specific end / specific end uses**

They are not listed.

**SECTION 8: Exposure controls / personal protective equipment****8.1 Control parameters**

Are not listed

Wash hands before breaks and at the end of work, do not eat, drink or smoke while working.

Exposure limits according to Government Regulation No. 361/2007 Coll., as amended

Name of substance (ingredient):	CAS	PEL mg/m <sup>3</sup> NPK-P mg/m <sup>3</sup> White mineral oil 5	Note
	8042-47-5		Inhaled particles

This product has a limited exposure limit. It is necessary to use a respirator when working.

DNEL Long-term exposure	workers	220mg/kg Bw/day	dermal	Systematic influence
	Long-term exposure inhalation	160mg/m <sup>3</sup>	workers	Systematic influence
	Long-term exposure dermal	92mg/kg Bw/day	Effect on life environment	Systematic influence
	Long-term exposure inhalation	35 mg/kg	Effect on life environment	Systematic influence
	Long-term exposure	40 mg/kg Bw/day	Impact on life Oral environment	Systematic influence

TODAY Long-term exposure has no effect on reproduction. The lowest DNEL values are given

**8.2 Limiting Exposure**

Special ventilation is not required during production.

**Limiting worker exposure**

Respiratory protection: Eye Only a respirator is required when producing aerosols/gas.

protection: Protection glasses.

Hand protection: Nitrile protective gloves.

Skin protection: Protective work clothing during production

**Limiting environmental exposure**

If clothing becomes soiled, change clothing. After finishing work, wash your hands with soap and water.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

	liquid
Appearance: color	transparent
Smell:	neutral
Odor threshold value: pH (at 20°C):	already
Auto-ignition point (°C):	is not established
Freezing point (°C):	Information not available
Initial boiling point and boiling range (°C):	It is not established
Flash point (°C):	Information not available
Evaporation rate	>180
Combustibility:	Information not available

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	Explosive or flammability limits: upper limit (% by volume):	No information available
	lower limit (% vol):	Information not available
	Steam pressure	Information not available
	Vapor density	Information not available
	Hustota (15 °C) g/cm3 :	approx. 0.85
	Solubility	insoluble in water
	Partition coefficient: n-octanol / water:	Information not available
	Auto-ignition temperature:	Information not available
	Decomposition	Information not available
	temperature: Kin. Viscosity (40°C):	approx. 16
	mm2 .s-1 Solubility in	insoluble
	water: Explosive	does not have explosive properties
	properties: Oxidizing properties:	does not have oxidizing properties
<b>9.2 Additional Information</b>		
They are not.		

<b>SECTION 10: Stability and reactivity</b>	
<b>10.1 Reactive</b>	No specific reactivity data are available for this product.
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	No dangerous reactions occur under normal conditions.
<b>10.4 Conditions to Avoid</b>	No special data.
<b>10.5 Incompatible Materials</b>	Strong oxidizing agents.
<b>10.6 Hazardous decomposition products</b>	No dangerous decomposition products are known for the preparation. In case of fire, dangerous gases and vapors (carbon oxides) may enter

SECTION 11: Toxicological information

11.1 Information on toxicological effects

a) *Acute toxicity*

	Test Type Result	Route of exposure	Test organism
	LD50 >2000 mg/kg	Dermal	rabbit
	LD50 >5000 mg/kg	Oral	rat
	LC50 >5000 mg/kg ;4h	Breathing dust and mist	rat

b) The mixture is not classified as acutely toxic  
Based on the available data, the classification criteria are not met.

c) *Corrosivity/Skin Irritation*  
Based on the available data, the classification criteria are not met.

d) *Serious eye damage/eye/skin irritation*  
Based on the available data, the classification criteria are not met.

e) *Respiratory sensitization / skin sensitization*  
Repeated skin exposure may lead to irritation

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

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

h) *Reproductive toxicity*  
Based on the available data, the classification criteria are not met.

i) *Toxicity for specific target organs - single exposure*

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	Based on the available data, the classification criteria are not met.
	j) <i>Toxicity for specific target organs - single exposure</i> Based on the available data, the classification criteria are not met.
	h) <i>Inhalation hazard</i> Based on the available data, the classification criteria are not met.
	The product contains sensitizing ingredients below the classification limit, allergic reactions may occur in very sensitive individuals

SECTION 12: Ecological information				
12.1 Toxicity				
The fish				
Folder name	Test organism	fish fish	Duration of the test	Result mg/l
LC50			96	>100
NOEC			96	≥100
Eyelashes				
Folder name	Test organism		Duration of the test	Result mg/l
NOEC algae			72	≥100
Data not available				
Daphne				
Folder name	Test organism		Duration of the test	Result mg/l
EC50	Daphnia		48	>100
NOEC	Daphnia		48	≥100
Bacteria				
Folder name	Test organism	Data not available	Duration of the test	Result
the mixture is not classified as toxic to aquatic organisms				
12.2 Persistence and Deployability				
>60% - easy - 28 days. Activated sludge (OECD 301B)				
12.3 Bioaccumulative potential				
No bioaccumulation potential.				
12.4 Mobility in soil				
Mobility in soil is not expected.				
12.5 Results of PBT and vPvB assessment				
The preparation does not have PBT and vPvB properties, data for assessment are not available, given that the components do not have PBT and vPvB properties, it can be assumed that the mixture will not be PBT or vPvB either.				
12.6 Other Adverse Effects				
No significant effect is expected.				

SECTION 13: Disposal considerations	
<b>13.1 Waste management methods</b>	
a)	Suitable methods for removing the substance or mixture and contaminated packaging: If the product becomes waste, label it, classify it according to the relevant regulation and hand it over, including the waste identification sheet, to a company authorized to dispose of waste according to the Waste Act. Place completely emptied and non-emptied packaging in marked containers for waste collection and hand the marked waste over to an authorized person for disposal.
b)	Physical/chemical properties that may affect the way waste is managed Combustibility.
c)	Prevention of waste removal through sewerage Do not pour down the drain
d)	Special safety measures for recommended waste management not listed

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<b>SECTION 14: Transport information</b>				
14.1	UN not applicable			
14.2	Proper name (UN) for the shipment			
	Land transport ADR Not applicable.			
	Rail transport RID Not applicable.			
	Sea transport IMDG: Not applicable.			
	Air transport Not applicable. ICAO/IATA:			
14.3	Transport hazard class(es).			
	Ground transportation ADR	Rail transport RID Sea transport	IMDG:	Air Transport ICAO/IATA:
14.4	Classification			
	Ground transportation ADR	RID rail transport		
	Packaging group			
	Ground transportation ADR	Rail transport RID Sea transport	IMDG:	Air Transport ICAO/IATA:
	Hazard identification number (Kemler)			
	Ground transportation ADR			
	Safety sign			
	Ground transportation ADR	Rail transport RID Sea transport	IMDG:	Air Transport ICAO/IATA:
	Note			
	Ground transportation ADR	Rail transport RID Sea transport	IMDG:	Air Transport ICAO/IATA:
			Marine pollutant: no	PAO: - HIGH: -
14.5	Environmental hazard			
	It is not a dangerous product for the environment during transport.			
14.6	Special security measures for users			
	Not applicable.			
14.7	Bulk transport according to Convention II MARPOL 73/78 and the IBC regulation			
	It is not transported.			

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**SECTION 15: Regulatory Information**

15.1 all as amended and including implementing regulations

Act No. 350/2011 Coll., on chemical substances...

Act No. 258/2000 Coll., on the protection of public health...

Act No. 185/2001 Coll., on waste...

Act No. 201/2012 Coll., on air...

Law no. 254/2001 Coll., on waters...

Act No. 477/2001 Coll., on packaging...

Act No. 111/1994 Coll., on road transport

Act No. 59/2006 Coll., on the prevention of serious accidents...

NV No. 361/2007 Coll., Health protection conditions at work...

Decree No. 432/2003 Coll., which establishes the conditions for classifying works into categories...

Regulation (EC) No. 1272/2008 (CLP) on classification, labeling and packaging of substances and mixtures,...

Directive 67/548/EEC as amended Regulation (EC) No.

1907/2007 (REACH) on the registration, evaluation, authorization and restriction of chemical substances....

Regulation of the European Parliament and the Council (EC) No. 648/2004 on detergents

Regulation (EC) No. 528/2012 on biocides

**15.2 Chemical safety assessment**

Was carried out.

**SECTION 16: Further information**

a) Changes made to the safety data sheet as part of the revision

Date of issue of the manufacturer's safety data sheet: 27/04/2018

This version follows version "E" from 31.8.2017 and is in accordance with the applicable legislation.

b) Key or legend to abbreviations

DNEL Derived No Effect Level (derived concentration of a substance at which no adverse effects occur)

PNEC Predicted No Effect Concentration

PEL permissible long-term exposure limit (8 hours)

NPK-P maximum permissible concentration, short-term limit

CLP Regulation EC 1272/2008

REACH EC regulation 1907/2006

PBT the substance is persistent, bioaccumulating and toxic at the same time

vPvB highly persistent and highly bioaccumulating substance

Flam. Liq. 2 Flammable liquids, category 2

Eye Irrit. 2 Serious eye damage / eye irritation, category 2

Skin Sens 1 Skin sensitization, category 1

Aquatic Acute 1 Dangerous for the aquatic environment - acute, category 1

Aquatic Chronic 1 Hazardous to the aquatic environment - chronically, category 2

Aquatic Chronic 3 Hazardous to the aquatic environment - chronically, category 3

c) Important references to literature and data sources

The safety data sheet was prepared on the basis of the original safety data sheet provided by the manufacturer.

d) List of relevant hazard statements and/or instructions for safe handling

e) Training guidelines

Regular training for handling chemicals.

f) Additional information

This product must not be used for applications other than those listed in Section 1.

The information and data provided are based on the current state of knowledge and cannot be regarded as guarantees product properties. The customer must comply with applicable laws and regulations at his own risk.