SAFETY DATA SHEET
(in accordance with Regulation (EU) 2020/878)

BIKE CLEANER-CHAMPÚ

Version 1 **Date of compilation: 23/05/2022**
Version 4 (replaces version 3) **Revision date: 24/04/2024** **Print date: 18/05/2024**

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

1.1 Product identifier.
Product Name: BIKE CLEANER-CHAMPÚ
Product Code: N018
UFI: GH10-F03N-C00R-Y774

1.2 Relevant identified uses of the substance or mixture and uses advised against.
Bike cleaner.

Uses advised against:
Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **JOSE LASTRA CISNEROS**
Address: C/ DEL POZO, 8
City: 49002 - ZAMORA
Province: ZAMORA
Telephone: +34 980 532985
E-mail: navali@navali.es

1.4 Emergency telephone number: +34 980 532985 (Only available during office hours; Monday-Friday; 08:00-18:00)
general EU emergency numbers (112 / 116117)
ESPAÑA :Servicio de Información Toxicológica (Instituto Nacional de Toxicología y Ciencias Forenses) Teléfono: +34 91 5620420. Información en español (24h/365 días). Únicamente con la finalidad de proporcionar respuesta sanitaria en caso de urgencia.
FRANCE : ORFILA (INRS) : + 33 (0)1 45 42 59 59. 24 heures sur 24 et 7 jours sur 7.
CAV Policlinico "Umberto I"Roma V.le del Policlinico, 155 161T.:06-49978000 .Az. Osp. "Careggi" U.O. Tossicologia Medica Firenze Largo Brambilla, 3 50134 055-7947819.Osp. Niguarda Ca' Granda Milano Piazza Ospedale Maggiore,3 20162 02-66101029. Az. Osp. "A. Cardarelli" Napoli Via A. Cardarelli, 9 80131 081-5453333
PORTUGAL: Em caso de intoxicação contactar o Centro de Informação Antivenenos (CIAV) (+351) 800 250 250. Atendimento médico 24 horas por dia, 7 dias por semana.

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.
In accordance with Regulation (EC) No 1272/2008:
Eye Irrit. 2 : Causes serious eye irritation.
Skin Irrit. 2 : Causes skin irritation.
Skin Sens. 1 : May cause an allergic skin reaction.

2.2 Label elements.
Labelling in accordance with Regulation (EC) No 1272/2008:
Pictograms:



Signal Word:
Warning

Hazard statements:
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Precautionary statements:
P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/…
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/container in accordance with local/national/international regulation.

Contains:
R)-p-mentha-1,8-diene, d-limonene

2.3 Other hazards.
The mixture does not contain substances classified as PBT.
The mixture does not contain substances classified as vPvB.
The mixture does not contain any endocrine disrupting properties substances.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.
Not applicable.

3.2 Mixtures.
Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	Specifics concentration limits and Acute toxicity estimate
Index No: 601-096-00-2 CAS No: 5989-27-5 EC No: 227-813-5 Registration No: 01-2119529223-47-XXXX	[2] R)-p-mentha-1,8-diene, d-limonene	>1% < 2,5%	Aquatic Acute 1, H400 (M=1) - Aquatic Chronic 3, H412 - Asp. Tox. 1, H304 - Flam. Liq. 3, H226 - Skin Irrit. 2, H315 - Skin Sens. 1B, H317	-
CAS No: 10213-79-3 Registration No: 01-2119449811-37-XXXX	Sodium Metasilicate Pentahydrate	>1% < 2,5%	STOT SE 3, H335 - Skin Corr. 1B, H314	-
CAS No: 127036-24-2	Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-, branched and linear	>1% < 2,5%	Acute Tox. 4, H302 - Eye Dam. 1, H318	-
CAS No: 25265-71-8 EC No: 246-770-3 Registration No: 01-2119456811-38-XXXX	[2] Dipropylene glycol	>1% < 2,5%	-	-

(*)*The complete text of the H phrases is given in section 16 of this Safety Data Sheet.*
[2] Substance with a national workplace exposure limit (see section 8.1).

SECTION 4: FIRST AID MEASURES.

IRRITANT MIXTURE. Its repeated or prolonged contact with the skin or mucous membranes can cause irritant symptoms such as reddening of the skin, blisters, or dermatitis. Some of the symptoms may not be immediate. They can cause allergic reactions on the skin.

4.1 Description of first aid measures.
In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.
Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye contact.
Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Dont let the person to rub the affected eye.

Skin contact.
Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

Ingestion.
If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed.
Irritant Product, repeated or prolonged contact with skin or mucous membranes can cause redness, blisters or dermatitis, inhalation of spray mist or particles in suspension may cause irritation of the respiratory tract, some symptoms may not be immediate.
It may cause an allergic reaction, dermatitis, redness or inflammation of the skin.

4.3 Indication of any immediate medical attention and special treatment needed.
In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

SECTION 5: FIREFIGHTING MEASURES.

The product is NOT classified as flammable, in case of fire the following measures should be taken:

5.1 Extinguishing media.
Suitable extinguishing media:
Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:
Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture.
Special risks.
Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.
Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.
According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.
For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product not classified as hazardous for the environment, avoid spillage as much as possible.

6.3 Methods and material for containment and cleaning up.
Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.
Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

6.4 Reference to other sections.
For exposure control and individual protection measures, see section 8.
For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.
For personal protection, see section 8.
In the application area, smoking, eating, and drinking must be prohibited.
Follow legislation on occupational health and safety.
Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.
Store according to local legislation. Observe indications on the label. Store the containers between 5 and 25 º C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).
Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m³
R)-p-mentha-1,8-diene, d-limonene	5989-27-5	Deutschland [1] (n/a)	**Eight hours**	20	110
			Short term	40	220
		España [2]	**Eight hours**	30(Vía dérmica, sensibilizante)	168(Vía dérmica, sensibilizante)
			Short term		
Dipropylene glycol	25265-71-8	Deutschland [1] (n/a)	**Eight hours**		100 (alveolengängige Fraktion)
			Short term		200

[1] Laut Grenzwerte in der Luft am Arbeitsplatz "Luftgrenzwerte" verabschiedet vom Bundesminister für Arbeit und Sozialordnung im Bundesarbeitsblatt.
[2] Según la lista de Valores Límite Ambientales de Exposición Profesional adoptados por el Instituto Nacional de Seguridad y Salud en el Trabajo (INSST) para el año 2023.
The product does NOT contain substances with Biological Limit Values.
Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
R)-p-mentha-1,8-diene, d-limonene CAS No: 5989-27-5 EC No: 227-813-5	DNEL (Workers)	Inhalation, Chronic, Systemic effects	66,7 (mg/m³)
	DNEL (Consumers)	Inhalation, Chronic, Systemic effects	16,6 (mg/m³)

	DNEL (Workers)	Dermal, Chronic, Systemic effects	9,5 (mg/kg/day)
	DNEL (Consumers)	Dermal, Chronic, Systemic effects	4,8 (mg/kg/day)
	DNEL (Consumers)	Oral, Chronic, Systemic effects	4,8 (mg/kg/day)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
Concentration levels PNEC:

Name	Details	Value
R)-p-mentha-1,8-diene, d-limonene CAS No: 5989-27-5 EC No: 227-813-5	Fresh water	14 (µg/l)
	Marine water	1,4 (µg/l)
	STP	1,8 (mg/l)
	Sediment (Freshwater)	3,85 (mg/kg)
	Sediment (Marinewater)	0,385 (mg/kg)
	Soil	0,763 (mg/kg)

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

8.2 Exposure controls.

Measures of a technical nature:
Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	**100 %**		
Uses:	**Bike cleaner.**		
Breathing protection:			
If the recommended technical measures are observed, no individual protection equipment is necessary.			
Hand protection:			
PPE:	Work gloves.		
Characteristics:	«CE» marking, category I.		
CEN standards:	EN 374-1, En 374-2, EN 374-3, EN 420		
Maintenance:	Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives.		
Observations:	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.		
Material:	PVC (polyvinyl chloride)	Breakthrough time (min.): > 480	Material thickness (mm): 0,35
Eye protection:			
PPE:	Face shield.		
Characteristics:	«CE» marking, category II. Face and eye protector against splashing liquid.		
CEN standards:	EN 165, EN 166, EN 167, EN 168		
Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions. Make sure that mobile parts move smoothly.		
Observations:	Face shields should offer a field of vision with a dimension in the central line of, at least, 150 mm vertically once attached to the frame.		
Skin protection:			
PPE:	Protective clothing.		
Characteristics:	«CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.		
CEN standards:	EN 340		
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.		



Observations:	The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.
PPE:	Work footwear.
Characteristics:	«CE» marking, category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.
Physical state: Liquid
Colour: Yellowish
Odour: Characteristic
Odour threshold: Not available
Melting point: Not available
Freezing point: Not available
Boiling point or initial boiling point and boiling range: 100 ºC (Estimation based on the indication of the Regulation (CE) Nº1272/2008.)
Flammability: Not available
Lower explosion limit: Not available
Upper explosion limit: Not available
Flash point: 116 ºC (Estimation based on the indication of the Regulation (CE) Nº1272/2008.)
Auto-ignition temperature: Not available
Decomposition temperature: Not available
pH: 11.4 (10%)
Kinematic viscosity: Not available
Solubility: Not available
Hydrosolubility: Soluble
Liposolubility: Not available
Partition coefficient n-octanol/water (log value): Not available
Vapour pressure: 23,565 (Estimation based on the indication of the Regulation (CE) Nº1272/2008.)
Absolute density: Not available
Relative density: 0.99 - 1.02g/cm3
Relative vapour density: Not available
Particle characteristics: Not available

9.2 Other information
Information with regard to physical hazard classes
Explosives:
Explosive properties: No explosivo
Oxidising liquids:
Oxidizing properties: No oxidante

Other safety characteristics
Viscosity: Not available
Dropping point: Not available
Blink: Not available
% Solids: Not available

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.
The product does not present hazards by their reactivity.

10.2 Chemical stability.
Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.
The product does not present possibility of hazardous reactions.

10.4 Conditions to avoid.
Avoid any improper handling.

10.5 Incompatible materials.
Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products.
No decomposition if used for the intended uses.

SECTION 11: TOXICOLOGICAL INFORMATION.

IRRITANT MIXTURE. Splashes in the eyes can cause irritation.

IRRITANT MIXTURE. Its repeated or prolonged contact with the skin or mucous membranes can cause irritant symptoms such as reddening of the skin, blisters, or dermatitis. Some of the symptoms may not be immediate. They can cause allergic reactions on the skin.

11.1 Information on hazard classes as defined in Regulation (EC) Nº 1272/2008.
Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

Toxicological information about the substances present in the composition.

Name	Acute toxicity			
	Type	**Test**	**Kind**	**Value**
R)-p-mentha-1,8-diene, d-limonene CAS No: 5989-27-5 EC No: 227-813-5	Oral	LD50	Rat	4400 mg/kg
	Dermal	LD50	Rabbit	> 5000 mg/kg bw [1] [1] Food and Cosmetics Toxicology. Vol. 13, Pg. 825, 1975
	Inhalation			
Sodium Metasilicate Pentahydrate CAS No: 10213-79-3 EC No:	Oral	LD50	Rat	1750 mg/Kg bw
	Dermal	LD50	Rat	>5000 mg/Kg bw
	Inhalation	LC50	Rat	>2.06 gr/m3

a) acute toxicity;
Not conclusive data for classification.

Acute Toxicity Estimate (ATE):
Mixtures:
ATE (Oral) = 50.000 mg/kg

b) skin corrosion/irritation;
Product classified:
Skin irritant, Category 2: Causes skin irritation.

c) serious eye damage/irritation;
Product classified:
Eye irritation, Category 2: Causes serious eye irritation.

d) respiratory or skin sensitisation;
Product classified:
Skin sensitiser, Category 1: May cause an allergic skin reaction.

e) germ cell mutagenicity;
Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;
Not conclusive data for classification.

h) STOT-single exposure;
Based on available data, the classification criteria are not met.

i) STOT-repeated exposure;
Not conclusive data for classification.

j) aspiration hazard;
Based on available data, the classification criteria are not met.

11.2 Information on other hazards.
Endocrine disrupting properties
This product does not contain components with endocrine-disrupting properties with effects on human health.

Other information
There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
R)-p-mentha-1,8-diene, d-limonene CAS No: 5989-27-5 EC No: 227-813-5	Fish	LC50	Pimephales promelas	702 µg/L (96 h) [1] [1] study report equivalent or similar to OECD Guideline 203 (Fish, Acute Toxicity Test)
	Aquatic invertebrates	EC50	Crustacean	69,6 mg/l (48 h) [1] [1] Passino, D.R.M., and S.B. Smith 1987. Acute Bioassays and Hazard Evaluation of Representative Contaminants Detected in Great Lakes Fish. Environ.Toxicol.Chem. 6(11):901-907
	Aquatic plants			
Sodium Metasilicate Pentahydrate CAS No: 10213-79-3 EC No:	Fish	LC100	Brachydanio rerio(now Danio rerio)	250 mg/L (96H)
	Aquatic invertebrates	EC50	Daphnia magna	1700 mg/L (48H)
	Aquatic plants	EC50	Scenedesmus subspicatus	207 mg/L (72H) [1] [1] Biomasa-
Dipropylene glycol CAS No: 25265-71-8 EC No: 246-770-3	Fish	LC50	Peces	46.5 g/L (96h) [1] [1] OECD 203
	Aquatic invertebrates			
	Aquatic plants			

12.2 Persistence and degradability.
No information is available regarding the biodegradability of the substances present.
No information is available on the degradability of the substances present.

No information is available about persistence and degradability of the product.
The surfactants contained in this product fulfill the biodegradability criteria stipulated in Regulation (EC) No. 648/2004 on detergents. The data that justifies this affirmation is available to the competent authorities that request it.

12.3 Bioaccumulative potential.
Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
R)-p-mentha-1,8-diene, d-limonene CAS No: 5989-27-5 EC No: 227-813-5	4,38	-	-	High
Dipropylene glycol CAS No: 25265-71-8 EC No: 246-770-3	-0,67	-	-	Very low

12.4 Mobility in soil.
No information is available about the mobility in soil.
The product must not be allowed to go into sewers or waterways.
Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.
No information is available about the results of PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties.
This product doesn't contain components with environmental endocrine disrupting properties.

12.7 Other adverse effects.
The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.
No information is available about other adverse effects for the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.
Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.
Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

14.1 UN number or ID number.
Transportation is not dangerous.

14.2 UN proper shipping name.
Description:
ADR/RID: Not classified as hazardous for transport.
IMDG: Not classified as hazardous for transport.
ICAO/IATA: Not classified as hazardous for transport.

14.3 Transport hazard class(es).
Transportation is not dangerous.

14.4 Packing group.
Transportation is not dangerous.

14.5 Environmental hazards.
Transportation is not dangerous.
Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): Not applicable.

14.6 Special precautions for user.
Transportation is not dangerous.

14.7 Maritime transport in bulk according to IMO instruments.
Not classified as hazardous for transport.

SECTION 15: REGULATORY INFORMATION.

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

Volatile organic compound (VOC)
VOC content (p/p): 2 %
VOC content: 19,8 g/l

Contains in accordance with Regulation (EC) No 648/2004 on detergents:

non-ionic surfactants < 5%

perfumes

Allergens: R)-p-mentha-1,8-diene; d-limonene

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.
The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.
Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles:

Designation of the substance, of the group of substances or of the mixture	**Conditions of restriction**
3. Liquid substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F; (b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.	1. Shall not be used in: - ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays, - tricks and jokes, - games for one or more participants, or any article intended to be used as such, even with ornamental aspects, 2. Articles not complying with paragraph 1 shall not be placed on the market. 3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they: - can be used as fuel in decorative oil lamps for supply to the general public, and, - present an aspiration hazard and are labelled with H304, 4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN). 5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met: (a) lamp oils, labelled with H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: 'Keep lamps filled with this liquid out of the reach of children'; and, by 1 December 2010, 'Just a sip of lamp oil - or even sucking the wick of lamps - may lead to life-threatening lung damage'; (b) grill lighter fluids, labelled with H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: 'Just a sip of grill lighter may lead to life threatening lung damage'; (c) 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.

	.

Kind of pollutant to water (Germany): WGK 2: Hazardous to water. (Autoclassified according to the AwSV Regulations)

15.2 Chemical safety assessment.
No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Classification codes:
Acute Tox. 4 : Acute toxicity (Oral), Category 4
Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1
Aquatic Chronic 3 : Chronic effect to the aquatic environment, Category 3
Asp. Tox. 1 : Aspiration toxicity, Category 1
Eye Dam. 1 : Serious eye damage, Category 1
Eye Irrit. 2 : Eye irritation, Category 2
Flam. Liq. 3 : Flammable liquid, Category 3
STOT SE 3 : Specific target organ toxicity following a single exposure, Category 3
Skin Corr. 1B : Skin Corrosive, Category 1B
Skin Irrit. 2 : Skin irritant, Category 2
Skin Sens. 1 : Skin sensitiser, Category 1
Skin Sens. 1B : Skin sensitiser, Category 1B

Changes regarding to the previous version:
- Changes in the information of the supplier (SECTION 1.3).
- Change in the emergency number (SECTION 1.4).
- Changes in the composition of the product (SECTION 3.2).
- Changes in the composition of the product (SECTION 3.2).
- Elimination of exposure data (SECTION 8.1).
- Modification of exposure data (SECTION 8.1).
- Modification in the values of the physical and chemical properties (SECTION 9).
- Modification of the information of the stability and reactivity conditions (SECTION 10.2).
- Modification of the information of the stability and reactivity conditions (SECTION 10.3).
- Modification of the information of the stability and reactivity conditions (SECTION 10.4).
- Modification of the information of the stability and reactivity conditions (SECTION 10.5).
- Modification of the information of the stability and reactivity conditions (SECTION 10.6).
- Addition of ecotoxicity values (SECTION 11.1).
- Elimination of ecological information values (SECTION 12.1).
- Addition of ecological information values (SECTION 12.1).
- Elimination of ecological information values (SECTION 12.3).
- Addition of ecological information values (SECTION 12.3).
- National legislative changes (SECTION 15.1).

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

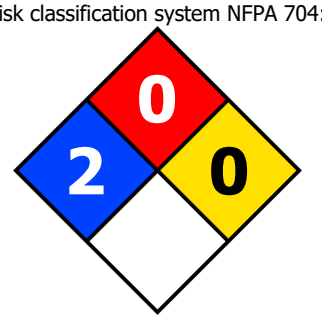
Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Information on the TSCA Inventory (Toxic Substances Control Act) USA:

CAS No	Name	State
5989-27-5	R)-p-mentha-1,8-diene, d-limonene	Registered
10213-79-3	Sodium Metasilicate Pentahydrate	
127036-24-2	Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-, branched and linear	Registered
25265-71-8	Dipropylene glycol	Registered

Risk classification system NFPA 704:



Health hazard: 2 (Hazardous)

Flammability: 0 (Will not burn)

Reactivity: 0 (Stable)

Abbreviations and acronyms used:
AwSV: Facility Regulations for handling substances that are hazardous for the water.
BCF: Bioconcentration factor.
CEN: European Committee for Standardization.
DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
EC50: Half maximal effective concentration.
PPE: Personal protection equipment.
LC50: Lethal concentration, 50%.
LD50: Lethal dose, 50%.
NOEC: No observed effect concentration.
PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.
WGK: Water hazard classes.

Key literature references and sources for data:
http://eur-lex.europa.eu/homepage.html
http://echa.europa.eu/
Regulation (EU) 2020/878.
Regulation (EC) No 1907/2006.
Regulation (EC) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.