

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 01/06/2023 Version: 1.0

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

1.1. Product identifier

Product form	: Mixture
Product name	: HG furniture wax remover
UFI	: PQR3-DS6A-T00W-HAJF
Product code	: 270 ART
Type of product	: Detergent
Product group	: Trade product

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

1.2.1. Relevant identified uses

Intended for general public Main use category Function or use category

: Consumer use

: Indoor furniture cleaning/care products (excludes leather and upholstery)

1.2.2. Uses advised against

Restrictions on use

: All other uses not recommended above

1.3. Details of the supplier of the safety data sheet

Manufacturer

HG International B.V. P.J. Oudweg 41 NL– 1314 CJ Almere The Netherlands T +31 (0)36 54 94 700 <u>safety@hg.eu</u> - <u>www.hg.eu</u>

1.4. Emergency telephone number

Emergency number

: +31 (0)36 54 94 777 Only for medical personnel Mon-Fri 09:00 AM - 05:00 PM (CEST)

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3	H226
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336
Specific target organ toxicity – Repeated exposure, Category 1	H372
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411
Full text of H- and EUH-statements: see section 16	

Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. Causes damage to organs through prolonged or repeated exposure. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

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2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)	
Simplifyed (CLD)	GHS02 GHS07 GHS08 GHS09
Signal word (CLP) Contains	: Danger
Hazard statements (CLP)	 Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) H226 - Flammable liquid and vapour.
Hazard Statements (CEF)	H304 - May be fatal if swallowed and enters airways.
	H336 - May cause drowsiness or dizziness.
	H372 - Causes damage to organs (central nervous system) through prolonged or repeated exposure.
	H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P101 - If medical advice is needed, have product container or label at hand.
	P102 - Keep out of reach of children.
	P261 - Avoid breathing vapours.
	P270 - Do not eat, drink or smoke when using this product.
	P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor. Do NOT induce vomiting.
	P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
	P403P233 - Store in a weil-ventilated place. Reep container lightly closed. P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	: EUH066 - Repeated exposure may cause skin dryness or cracking.
	EUH208 - Contains (R)-p-mentha-1,8-diene; d-limonene (5989-27-5) (00252), Citronellal (106-23-0) (00027). May produce an allergic reaction.
Child-resistant fastening	: Applicable
Tactile warning	: Applicable
l actile warning	: Аррисаріе

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	EC-No.: 919-446-0 REACH-no: 01-2119458049- 33	≥ 90	Flam. Liq. 3, H226 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
(R)-p-mentha-1,8-diene; d-limonene	CAS-No.: 5989-27-5 EC-No.: 227-813-5 EC Index-No.: 601-096-00-2 REACH-no: 01-2119529223- 47	≥ 0.1 – < 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Citronellal	CAS-No.: 106-23-0 EC-No.: 203-376-6 REACH-no: 01-2119474900- 37	≥ 0.01 – < 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Diphenyl ether substance with a Community workplace exposure limit	CAS-No.: 101-84-8 EC-No.: 202-981-2 REACH-no: 01-2119472545- 33	≥ 0.001 – < 0.1	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion	 Call a physician immediately. Remove person to fresh air and keep comfortable for breathing. Rinse skin with water/shower. Take off immediately all contaminated clothing. Rinse eyes with water as a precaution. Do not induce vomiting. Call a physician immediately. 	
4.2. Most important symptoms and effects,	both acute and delayed	
Symptoms/effects Symptoms/effects after skin contact Symptoms/effects after ingestion	 May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking. Risk of lung oedema. 	

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

Treat symptomatically.

SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media Unsuitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.Do not use water jet.	
5.2. Special hazards arising from the substance or mixture		
Fire hazard Explosion hazard Hazardous decomposition products in case of fire	 Flammable liquid and vapour. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Do not allow surface water to enter drains and sewers as this will create a potential explosive hazard. If this occurs inform local authorities immediately. Carbon dioxide. Carbon monoxide. 	
5.3. Advice for firefighters		
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.	

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
General measures	: Do not handle until all safety precautions have been read and understood.	

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6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Do not touch or walk on the spilled product. Do not breathe vapours. No open flames, no sparks, and no smoking.
6.1.2. For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2. Environmental precautions	

Avoid release to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up		
For containment	: Stop leak if safe to do so. Move containers from spill area. Cover spill with non combustible material, e.g.: sand, earth, vermiculite.	
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.	
Other information	: Dispose of materials or solid residues at an authorized site.	
6.4. Reference to other sections		

For further information refer to section 8: "Exposure controls/personal protection". For disposal of contaminated materials refer to section 13: "Disposal considerations". For further information refer to section 13.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Handle empty containers with care because residual vapours are flammable. Empty containers retain product residue and can be hazardous.
Precautions for safe handling	 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe mist, vapours. Use only outdoors or in a well-ventilated area.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including	any incompatibilities
Technical measures Storage conditions Incompatible materials Storage temperature Heat and ignition sources Special rules on packaging	 Ground/bond container and receiving equipment. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Oxidizing materials. > 0 - < 30 °C Keep away from heat and direct sunlight. No flames. Eliminate all sources of ignition. Keep only in original container. Opened containers must be carefully closed and kept upright to avoid leakage.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection		
8.1. Control parameters		
3.1.1 National occupational exposure and biological limit values		
Diphenyl ether (101-84-8)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Diphenyl ether		

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Diphenyl ether (101-84-8)		
IOEL TWA	7 mg/m ³	
IOEL TWA [ppm]	1 ppm	
IOEL STEL	14 mg/m³	
IOEL STEL [ppm]	2 ppm	
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164	
Ireland - Occupational Exposure Limits		
Local name	Diphenyl ether (vapour)	
OEL TWA [1]	7 mg/m³	
OEL TWA [2]	1 ppm	
OEL STEL	14 mg/m³	
OEL STEL [ppm]	2 ppm	
Remark	IOELV (Indicative Occupational Exposure Limit Values)	
Regulatory reference	Chemical Agents Code of Practice 2021	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Safety glasses. Gloves. Protective clothing. Wear foot protection.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

Eye protection			
Туре	Field of application	Characteristics	Standard
Safety glasses with side shields	Normal use conditions		EN 166

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8.2.2.2. Skin protection

Skin and body protection:

Long sleeved protective clothing. Chemical resistant safety shoes

Skin and body protection	
Туре	Standard
Long sleeved protective clothing	
Chemical resistant safety shoes	EN ISO 20345

Hand protection:

Protective gloves

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Butyl rubber	6 (> 480 minutes)	0.5		EN ISO 374
Disposable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0.35		EN ISO 374

8.2.2.3. Respiratory protection

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Respiratory protection			
Device	Filter type	Condition	Standard
Half-mask	FFA2P3	Mist formation, Vapour protection	EN 405

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties			
9.1. Information on basic physica	9.1. Information on basic physical and chemical properties		
Physical state	: Liquid		
Colour	: Yellow.		
Odour	: Characteristic.		
Odour threshold	: Not available		
Melting point	: Not applicable		
Freezing point	: -20 °C		
Boiling point	: Not available		
Flammability	: Flammable liquid and vapour.		
Explosive limits	: Not available		
Lower explosion limit	: Not available		
Upper explosion limit	: Not available		
Flash point	: 46 °C		
Auto-ignition temperature	: Not available		
Decomposition temperature	: Not available		
рΗ	: Not available		
Viscosity, kinematic	: 1.64 mm²/s		

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Viscosity, dynamic	: 1.28 mPa⋅s
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 0.78
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Oxidising agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information		
11.1. Information on hazard classes as defined	in Regulation (EC) No 1272/2008	
Acute toxicity (dermal) :	Not classified (Conclusive but not sufficient for classification) Not classified (Conclusive but not sufficient for classification) Not classified (Conclusive but not sufficient for classification)	
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		
LD50 oral rat	> 15000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)	
LD50 dermal rabbit	> 3400 ml/kg	
LC50 Inhalation - Rat	> 1.58 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)	
LC50 Inhalation - Rat (Vapours)	13.1 mg/l/4h (OECD 403 method)	
(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)		
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)	

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(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)		
LD50 oral	4400 mg/kg bodyweight	
LD50 dermal rabbit	> 5000 mg/kg Source: National Library of Medicine	
LD50 dermal	> 2000 mg/kg bodyweight	
Diphenyl ether (101-84-8)		
LD50 oral rat	2830 mg/kg Source: ECHA	
Citronellal (106-23-0)		
LD50 oral rat	2420 mg/kg Source: NLM;ChemIDplus, TOMES;LOLI;	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Remarks on results: other:	
LD50 dermal rabbit	2500 – 5000 mg/kg bodyweight Animal: rabbit	
Skin corrosion/irritation :	Not classified (Conclusive but not sufficient for classification)	
Hydrocarbons, C9-C12, n-alkanes, isoalkanes	, cyclics, aromatics (2-25%)	
рН	Not applicable	
Serious eye damage/irritation :	Not classified (Conclusive but not sufficient for classification)	
Hydrocarbons, C9-C12, n-alkanes, isoalkanes	, cyclics, aromatics (2-25%)	
рН	Not applicable	
	Not classified (Conclusive but not sufficient for classification)	
	Not classified (Conclusive but not sufficient for classification)	
	Not classified (Conclusive but not sufficient for classification)	
Citronellal (106-23-0)		
NOAEL (chronic, oral, animal/male, 2 years)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Remarks on results: other:	
	Not classified (Conclusive but not sufficient for classification)	
5 1	May cause drowsiness or dizziness.	
STOT-repeated exposure :	Causes damage to organs (central nervous system) through prolonged or repeated exposure.	
Hydrocarbons, C9-C12, n-alkanes, isoalkanes	, cyclics, aromatics (2-25%)	
NOAEL (dermal, rat/rabbit, 90 days)	≥ 495 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.	
Diphenyl ether (101-84-8)		
NOAEL (dermal, rat/rabbit, 90 days)	1000 mg/kg bodyweight Animal: rat	
Citronellal (106-23-0)		
LOAEC (inhalation, rat, gas, 90 days)	68 ppm Animal: rat, Animal sex: female	
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)	
NOAEC (inhalation, rat, gas, 90 days)	34 ppm Animal: rat, Animal sex: female	
NOAEL (subchronic, oral, animal/male, 90 days)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)	
Aspiration hazard :	May be fatal if swallowed and enters airways.	
HG furniture wax remover		
Viscosity, kinematic	1.64 mm²/s	

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Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		
Viscosity, kinematic 1.2 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'		
11.2. Information on other hazards		
11.2.1. Endocrine disrupting properties		
Adverse health effects caused by endocrine disrupting properties	 The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % 	

11.2.2. Other information

No additional information available

SECTION 12: Ecological information	
12.1. Toxicity	
Hazardous to the aquatic environment, short-term : acute)	Toxic to aquatic life with long lasting effects. Not classified (Conclusive but not sufficient for classification) Toxic to aquatic life with long lasting effects.
Hydrocarbons, C9-C12, n-alkanes, isoalkane	s, cyclics, aromatics (2-25%)
EC50 96h - Algae [1]	1.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
(R)-p-mentha-1,8-diene; d-limonene (5989-27	-5)
LC50 - Fish [1]	720 μg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	0.307 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	0.51 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
Diphenyl ether (101-84-8)	
LC50 - Fish [1]	> 0.1 – ≤ 1 mg/l
EC50 - Crustacea [1]	1.96 mg/l Test organisms (species): Daphnia magna
ErC50 algae	0.455 mg/l Source: ECHA
Citronellal (106-23-0)	
LC50 - Fish [1]	≈ 22 mg/l Test organisms (species): Leuciscus idus
EC50 - Crustacea [1]	8.7 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	13.33 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	6.74 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 96h - Algae [1]	13.33 mg/l Source: ECHA

12.2. Persistence and degradability

No additional information available

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12.3. Bioaccumulative potential	
Hydrocarbons, C9-C12, n-alkanes, isoalkane	es, cyclics, aromatics (2-25%)
Partition coefficient n-octanol/water (Log Pow)	> 4
(R)-p-mentha-1,8-diene; d-limonene (5989-27	-5)
Partition coefficient n-octanol/water (Log Pow)	4.38
Diphenyl ether (101-84-8)	
Partition coefficient n-octanol/water (Log Pow)	4.21 Source: ECHA
Citronellal (106-23-0)	
Partition coefficient n-octanol/water (Log Pow)	3.48 Source: AKRON
12.4. Mobility in soil	
Citronellal (106-23-0)	
Mobility in soil	652.1
12.5. Results of PBT and vPvB assessment	
No additional information available	
12.6. Endocrine disrupting properties	
Adverse effects on the environment caused by endocrine disrupting properties	The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.
12.7. Other adverse effects	

No additional information available

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Regional legislation (waste) Waste treatment methods Sewage disposal recommendations Product/Packaging disposal recommendations	 Dispose of in accordance with relevant local regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions. Do not flush down sewers. Disposal must be done according to official regulations. Do not pierce or burn, even after use. Empty containers retain product residue and can be hazardous. 	
Additional information Ecology - waste materials	Flammable vapours may accumulate in the container.Avoid release to the environment.	

European List of Waste (LoW) code

- : 20 01 29* detergents containing dangerous substances 15 01 02 - plastic packaging

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HP Code : HP3 - "Flammable:" - flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;

- flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;

 – flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;

- flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;

- water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;

- other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	umber		1	I
UN 1300	UN 1300	UN 1300	UN 1300	UN 1300
14.2. UN proper shippin	g name			
TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n- alkanes, isoalkanes, cyclics, aromatics (2-25%)) Transport document descr	TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n- alkanes, isoalkanes, cyclics, aromatics (2-25%))	Turpentine substitute (Hydrocarbons, C9-C12, n- alkanes, isoalkanes, cyclics, aromatics (2-25%))	TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n- alkanes, isoalkanes, cyclics, aromatics (2-25%))	TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n- alkanes, isoalkanes, cyclics, aromatics (2-25%))
UN 1300 TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n- alkanes, isoalkanes, cyclics, aromatics (2-25%)), 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1300 TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n- alkanes, isoalkanes, cyclics, aromatics (2-25%)), 3, III, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS	UN 1300 Turpentine substitute (Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)), 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1300 TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n- alkanes, isoalkanes, cyclics, aromatics (2-25%)), 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1300 TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n- alkanes, isoalkanes, cyclics, aromatics (2-25%)) 3, III, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard o		2	2	
3	3			
14.4. Packing group				
Ш	III	III	III	III
14.5. Environmental haz	ards			
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes

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No supplementary information svaliable 14.6. Special precautions for user Overland transport Classification code (ADR) : F1 Limited quantities (ADR) : S1 Excepted quantities (ADR) : S1 Packing instructions (ADR) : D1 Protable tark and bulk container instructions (ADR) : T2 Portable tark and bulk container instructions (ADR) : T1 ADR of tark carriage : FL Transport category (ADR) : S2 Special provisions for carriage - Dectages (ADR) : V12 Special provisions for carriage - Dectages (ADR) : DEF Transport category (ADR) : S2 Hazard identification number (Kemler No.) : 30 Orange plates : DEF Transport by se : S4 Special provisions (IMDG) : S1 Excepted quantities (IMDG) : S1 Excepted quantities (IMDG) : E1 Tark instructions (IMDG) : S4 Stowage category (MDG) : F4 Transport expections (MDG) : T2 Tark instructions (IMDG) : S4 Stowage category (MDG) : F4 Probeching	ADR IMDG		ΙΑΤΑ	ADN	RID
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Number of blue cones/lights (ADN) : 0 Rail transport					
Rail transport			:01		
	number of blue cones/lights (ADN)	: 0			
	Pail transport				
	-	; F1			

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Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T2
Portable tank and bulk container special provisions	: TP1
(RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Colis express (express parcels) (RID) Hazard identification number (RID)	: LGBF : 3 : W12 : CE4 : 30

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Detergent Regulation (648/2004)

Allergenic fragrances > 0.01 %: LIMONENE GERANIOL CITRAL CITRONELLOL

Labelling of contents		
Component	%	
aliphatic hydrocarbons	≥30%	
aromatic hydrocarbons	<5%	
perfumes		
LIMONENE		
GERANIOL		
CITRAL		
CITRONELLOL		

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Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and ac	ronyms:
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
ΙΑΤΑ	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
РВТ	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Abbreviations and acronyms:		
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Training advice

Other information

: Normal use of this product shall imply use in accordance with the instructions on the packaging. Ensure personnel is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.

: DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:		
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Asp. Tox. 1	Aspiration hazard, Category 1	
EUH066	Repeated exposure may cause skin dryness or cracking.	
EUH208	Contains (R)-p-mentha-1,8-diene; d-limonene (5989-27-5) (00252), Citronellal (106-23-0) (00027). May produce an allergic reaction.	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
H226	Flammable liquid and vapour.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H336	May cause drowsiness or dizziness.	
H372	Causes damage to organs through prolonged or repeated exposure.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.