

Safety Data Sheet

acc. to The REACH etc. (Amendment etc.) (EU Exit)
Regulations 2019, SI 2019/758 (as amended)

LABELREMOVER

Version number: 1.0

First version: 2023-04-14

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

1.1 Product identifier

Trade name	LABELREMOVER Label Remover
Product number	586700
CAS number	Not relevant (mixture)

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

Relevant identified uses	Cleaning agent
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1.3 Details of the supplier of the safety data sheet

DURABLE Hunke & Jochheim GmbH & Co. KG Westfalenstraße 77 – 79 58636 Iserlohn Germany	Telephone: +49 (0) 2371 662 0 Telefax: +49 (0) 2371 662 221 e-mail: durable@durable.de Website: www.durable.de
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e-mail (competent person) Please do not use this e-mail address to ask for the latest safety data sheet. For this purpose contact :	DURABLE Hunke & Jochheim GmbH & Co. KG Telephone: +49 (0) 2371 662 350 e-Mail: durable-clean@durable.de

1.4 Emergency telephone number

Poison centre		
Country	Name	Telephone
Germany	Giftnotruf Berlin	+49 30 19240
UK	NPIS (FOR HEALTHCARE PROFESSIONALS ONLY)	0344 82 0111
Ireland	NPIC (FOR HEALTHCARE PROFESSIONALS ONLY)	(01) 809 2566
UK & Ireland	General Public	01202 897 071

As above or nearest toxicological information centre.

SECTION 2: Hazards identification

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2.1 Classification of the substance or mixture

Classification (acc. to GB CLP)

Classification				
Section	Hazard class	Category	Hazard class and category	Hazard statement
2.3	aerosols	1	Aerosol 1	H222,H229
3.8D	specific target organ toxicity - single exposure (narcotic effects, drowsiness)	3	STOT SE 3	H336
4.1C	hazardous to the aquatic environment - chronic hazard	3	Aquatic Chronic 3	H412

For full text of abbreviations: see SECTION 16

The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

Labelling (acc. to GB CLP)

Signal word danger

Pictograms

GHS02, GHS07



Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P261 Avoid breathing spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTRE/doctor if you feel unwell.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.
EUH208 Contains . May produce an allergic reaction.

Additional labelling according to Directive 75/324/EEC relating to aerosol dispensers

Extremely flammable.
 Pressurized container: may burst if heated.
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 Do not pierce or burn, even after use.
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Symbols:



Hazardous ingredients for labelling hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

Additional labelling requirements see section 15 of the safety data sheet

2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0,1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.



SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture).

3.2 Mixtures

Description of the mixture

Hazardous ingredients					
Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms	Notes
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	EC No 927-241-2	40 – < 75	Flam. Liq. 3 / H226 STOT SE 3 / H336 Asp. Tox. 1 / H304 Aquatic Chronic 3 / H412		-
orange, sweet, ext.	CAS No 8028-48-6 EC No 232-433-8	0.1 – < 1	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 Skin Sens. 1 / H317 Asp. Tox. 1 / H304 Aquatic Chronic 2 / H411		-

For full text of H-phrases: see SECTION 16

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SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Take off immediately all contaminated clothing.
In all cases of doubt, or when symptoms persist, seek medical advice.

Following inhalation

Provide fresh air.
If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.

Following ingestion

Rinse mouth. Do not induce vomiting.
Get medical advice/attention if you feel unwell.

Notes for the doctor

None.

4.2 Most important symptoms and effects, both acute and delayed

Narcotic effects.
Vertigo.
Dizziness.
May cause an allergic skin reaction.
Repeated exposure may cause skin dryness or cracking.

4.3 Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

water spray, water mist, foam, BC-powder

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products: Section 10.
In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture.
Contains gas under pressure; may explode if heated.

Hazardous combustion products

carbon monoxide (CO), carbon dioxide (CO₂), pyrolysis products, toxic

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5.3 Advice for firefighters

Keep containers cool with water spray.
In case of fire and/or explosion do not breathe fumes.
Co-ordinate firefighting measures to the fire surroundings.
Do not allow firefighting water to enter drains or water courses.
Collect contaminated firefighting water separately.
Fight fire with normal precautions from a reasonable distance.

Special protective equipment for firefighters

chemical protection suit, self-contained breathing apparatus (EN 133)

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.
Ventilate affected area.
Avoid contact with skin and eyes.
Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.
Avoid inhaling sprayed product.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water.
Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to clean up a spill

Collect spillage.
Absorbent material (e.g. sand, diatomaceous earth, acid binder, universal binder, sawdust, etc.).

Other information relating to spills and releases

Place in appropriate containers for disposal.
Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5.
Personal protective equipment: see section 8.
Incompatible materials: see section 10.
Disposal considerations: see section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation.
Keep away from sources of ignition - No smoking.

Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.
Pressurized container: may burst if heated.

Measures to protect the environment

Avoid release to the environment.

Advice on general occupational hygiene

Do not eat, drink and smoke in work areas.
Wash hands after use.
Preventive skin protection (barrier creams/ointments) is recommended.
Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Explosive atmospheres

Prevent from heating up above 50 °C/122 °F.
Protect from sunlight.

Flammability hazards

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Protect from sunlight.

Incompatible substances or mixtures

Incompatible materials: see section 10.
Do not pierce or burn, even after use.

Protect against external exposure, such as

heat

Consideration of other advice

Keep away from food, drink and animal feeding stuffs.

Ventilation requirements

Provision of sufficient ventilation.

Packaging compatibilities

Only packagings which are approved (e.g. acc. to ADR) may be used.

7.3 Specific end use(s)

Cleaning agent.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)									
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Notation	Source
GB	cycloalkanes (>C7)	-	WEL	-	800	-	-	-	EH40/2005
GB	normal and branched chain alkanes (>C7)	-	WEL	-	1,200	-	-	-	EH40/2005
GB	butane	106-97-8	WEL	600	1,450	750	1,810	-	EH40/2005
GB	petroleum gases, liquefied	68476-85-7	WEL	1,000	1,750	1,250	2,180	-	EH40/2005

Notation

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	DNEL	871 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	DNEL	77 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
orange, sweet, ext.	8028-48-6	DNEL	31.1 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
orange, sweet, ext.	8028-48-6	DNEL	8.89 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

Relevant PNECs of components of the mixture				
Name of substance	CAS No	Endpoint	Threshold level	Environmental compartment
orange, sweet, ext.	8028-48-6	PNEC	5.4 µg/l	freshwater
orange, sweet, ext.	8028-48-6	PNEC	0.54 µg/l	marine water
orange, sweet, ext.	8028-48-6	PNEC	2.1 mg/l	sewage treatment plant (STP)
orange, sweet, ext.	8028-48-6	PNEC	1.3 mg/kg	freshwater sediment
orange, sweet, ext.	8028-48-6	PNEC	0.13 mg/kg	marine sediment

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Relevant PNECs of components of the mixture				
Name of substance	CAS No	Endpoint	Threshold level	Environmental compartment
orange, sweet, ext.	8028-48-6	PNEC	0.261 mg/kg	soil

8.2 Exposure controls

Appropriate engineering controls

Use local and general ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection. (EN 166).

Hand protection

Protective gloves		
Material	Material thickness	Breakthrough times of the glove material
NBR: acrylonitrile-butadiene rubber	no information available	no information available
PVA: polyvinyl alcohol	no information available	no information available

Wear suitable gloves.

Chemical protection gloves are suitable, which are tested according to EN 374.

Check leak-tightness/impermeability prior to use.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

During spraying wear suitable respiratory equipment.

Type: A (against organic gases and vapours with a boiling point of > 65 °C, colour code: Brown).

P1 (filters at least 80 % of airborne particles, colour code: White).

(EN 136, EN 140, EN 14387, EN 143, EN 149).

Environmental exposure controls

Use appropriate container to avoid environmental contamination.

Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid, gaseous (spray aerosol)
Colour	colourless - clear
Odour	like lemon
Melting point/freezing point	not applicable
Boiling point or initial boiling point and boiling range	not determined

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Flammability	flammable aerosol in accordance with GHS criteria
Lower and upper explosion limit	not determined
Flash point	not determined
Auto-ignition temperature	not applicable (aerosol)
Decomposition temperature	not relevant
pH (value)	not determined
Viscosity	not relevant (aerosol)
Solubility(ies)	
Water solubility	not determined
Partition coefficient n-octanol/water (log value)	not determined
Vapour pressure	not determined
Density and/or relative density	
Density	not determined
Relative vapour density	this information is not available
Relative density	0.631 (water = 1)
Particle characteristics	not relevant (aerosol)
9.2 Other information	
Information with regard to physical hazard classes	there is no additional information
Other safety characteristics	
Propellant content	50.75 %

SECTION 10: Stability and reactivity

- 10.1 Reactivity**
Risk of ignition.
- 10.2 Chemical stability**
The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
See below "Conditions to avoid".
- 10.3 Possibility of hazardous reactions**
In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture.

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10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Contains gas under pressure; may explode if heated.
Prevent from heating up above 50 °C/122 °F.
Protect from sunlight.

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known.
Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Classification procedure

If not otherwise specified the classification is based on:
Ingredients of the mixture (additivity formula).

Classification acc. to GHS

Acute toxicity

The classification criteria for this hazard class are not met.

Acute toxicity of components of the mixture

Name of substance	CAS No	Exposure route	Endpoint	Value	Species	Method	Source
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	oral	LD0	>15,000 mg/kg	rat	OECD Guideline 401	ECHA
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	dermal	LD0	≥3,160 mg/kg	rabbit	OECD Guideline 402	ECHA
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	inhalation: dust/mist	LC50	≥6,100 mg/m ³ /4h	rat	OECD Guideline 403	ECHA
orange, sweet, ext.	8028-48-6	oral	LD0	>5,000 mg/kg	rat, male	OECD Guideline 401	ECHA
orange, sweet, ext.	8028-48-6	dermal	LD0	>5,000 mg/kg	rabbit, female	OECD Guideline 402	ECHA

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

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Respiratory or skin sensitisation

Contains . May produce an allergic reaction.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Other information

Repeated exposure may cause skin dryness or cracking.

11.2 Information on other hazards

Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity (acute)

Based on available data, the classification criteria are not met.

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Exposure time	Value	Species	Method	Source
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	LL50	96 h	>10 – <30 mg/l	rainbow trout (Oncorhynchus mykiss)	OECD Guideline 203	ECHA
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	EL50	48 h	>22 – <46 mg/l	daphnia magna	OECD Guideline 202	ECHA
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	EL50	72 h	1,000 mg/l	algae (pseudokirchneriella subcapitata)	OECD Guideline 201	ECHA

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Name of substance	CAS No	Endpoint	Exposure time	Value	Species	Method	Source
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	EL50	48 h	1.065 mg/l	Tetrahymena pyriformis	Qsar	ECHA
orange, sweet, ext.	8028-48-6	EL50	48 h	1.1 mg/l	daphnia magna	OECD Guideline 202	ECHA
orange, sweet, ext.	8028-48-6	EL50	72 h	150 mg/l	algae (Desmodesmus subspicatus)	OECD Guideline 201	ECHA
orange, sweet, ext.	8028-48-6	LL50	96 h	5.65 mg/l	zebra fish (Danio rerio)	OECD Guideline 203	ECHA

Aquatic toxicity (chronic)

Harmful to aquatic life with long lasting effects.

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Exposure time	Value	Species	Method	Source
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	NOELR	28 d	0.182 mg/l	rainbow trout (Oncorhynchus mykiss)	Qsar	ECHA
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	NOELR	21 d	0.317 mg/l	daphnia pulex	Qsar	ECHA
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	NOELR	72 h	<1 mg/l	algae (pseudokirchneriella subcapitata)	OECD Guideline 201	ECHA
orange, sweet, ext.	8028-48-6	NOELR	72 h	50 mg/l	algae (Desmodesmus subspicatus)	OECD Guideline 201	ECHA

12.2 Persistence and degradability

Biodegradation

The relevant substances of the mixture are readily biodegradable.

Degradability of components of the mixture

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Name of substance	CAS No	Process	Degradation rate	Time	Method	Source
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	oxygen depletion	89 %	28 d	OECD Guideline 301 F	ECHA

Persistence

No data available.

12.3 Bioaccumulative potential

Test data are not available for the complete mixture.

Bioaccumulative potential of components of the mixture

Name of substance	CAS No	BCF	Log KOW
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	$\geq 6.91 - \leq 1,582$	$\geq 1.99 - \leq 5.25$
orange, sweet, ext.	8028-48-6	32 – 156	2.78 – 4.88

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0,1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0,1\%$.

12.7 Other adverse effects

Data are not available.

Remarks

Wassergefährdungsklasse, WGK (water hazard class): 1

SECTION 13: Disposal considerations

13.1 Waste treatment methods

This material and its container must be disposed of as hazardous waste.

Sewage disposal-relevant information

Do not empty into drains.

Waste treatment of containers/packages

Completely emptied packages can be recycled.


Handle contaminated packages in the same way as the substance itself.

Remarks


Please consider the relevant national or regional provisions.

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SECTION 14: Transport information

14.1	UN number	
	ADR/RID	UN1950
	IMDG-Code	UN1950
	ICAO-TI	UN1950
14.2	UN proper shipping name	
	ADR/RID	AEROSOLS
	IMDG-Code	AEROSOLS
	ICAO-TI	Aerosols, flammable
14.3	Transport hazard class(es)	
	ADR/RID	2 (2.1)
	IMDG-Code	2.1
	ICAO-TI	2.1
14.4	Packing group	-
14.5	Environmental hazards	-
14.6	Special precautions for user	-
14.7	Maritime transport in bulk according to IMO instruments	-
14.8	<u>Information for each of the UN Model Regulations</u>	
	Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). Additional information	
	Particulars in the transport document	UN1950, AEROSOLS, 2.1, (D)
	Classification code	5F
	Danger label(s)	2.1
		
	Special provisions (SP)	190, 327, 344, 625
	Excepted quantities (EQ)	E0
	Limited quantities (LQ)	1 L
	Transport category (TC)	2
	Tunnel restriction code (TRC)	D
	International Maritime Dangerous Goods Code (IMDG) Additional information	
	Marine pollutant	-

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Danger label(s)	2.1
	
Special provisions (SP)	63, 190, 277, 327, 344, 381, 959
Excepted quantities (EQ)	E0
Limited quantities (LQ)	1 L
EmS	F-D, S-U
Stowage category	-

International Civil Aviation Organization (ICAO-IATA/DGR) Additional information

Danger label(s)	2.1
	
Special provisions (SP)	A145, A167
Excepted quantities (EQ)	E0
Limited quantities (LQ)	30 kg

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

Seveso Directive

2012/18/EU (Seveso III)			
No	Dangerous substance/hazard categories	Qualifying quantity (tonnes) for the application of lower and upper-tier requirements	Notes
P3a	flammable aerosols (containing Flam. Gas or Flam. Liq., cat. 1)	150 500	46)

Notation

46) 'flammable' aerosols category 1 or 2, containing flammable gases category 1 or 2 or flammable liquids category 1
 Note: qualifying quantity = net

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

None of the ingredients are listed.

Regulation 648/2004/EC on detergents

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Labelling of contents	
Wt%	Constituents
≥30%	aliphatic hydrocarbons
-	perfumes (CITRAL)

Regulation on the marketing and use of explosives precursors

None of the ingredients are listed.

Regulation on drug precursors

None of the ingredients are listed.

Regulation on substances that deplete the ozone layer (ODS)

None of the ingredients are listed.

Regulation concerning the export and import of hazardous chemicals (PIC)

None of the ingredients are listed.

Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

National regulations (GB)

List of substances subject to authorisation (GB REACH, Annex 14) / SVHC - candidate list

None of the ingredients are listed

Restrictions according to GB REACH, Annex 17

Dangerous substances with restrictions (GB REACH, Annex 17)			
Name of substance	Name acc. to inventory	CAS No	Conditions of restriction
isobutane	carcinogenic	-	R28-30
isobutane	germ cell mutagenic (mutagenic)	-	R28-30
isobutane	flammable / pyrophoric	-	R40
propane	flammable / pyrophoric	-	R40
butane	flammable / pyrophoric	-	R40
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC	-	R3
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	flammable / pyrophoric	-	R40
orange, sweet, ext.	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC	-	R3
orange, sweet, ext.	flammable / pyrophoric	-	R40

Legend

R28-30 Without prejudice to the other parts of this Annex the following shall apply to entries 28 to 30:
1. Shall not be placed on the market, or used,

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Legend

- as substances,
- as constituents of other substances, or,
- in mixtures,

For supply to the general public when the individual concentration in the substance or mixture is equal to or greater than:

- either the relevant specific concentration limit specified in the GB mandatory classification and labelling list, or, the relevant generic concentration limit specified in the GB mandatory classification and labelling list.

Without prejudice to the implementation of other legislation relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows:

‘Restricted to professional users’.

2. By way of derogation, paragraph 1 shall not apply to:

(a) medicinal or veterinary products as defined by the Veterinary Regulations 2013 and the Human Medicines Regulations 2012;

(b) cosmetic products as defined by Regulation 1223/2009;

(c) the following fuels and oil products:

- motor fuels which are covered by the Motor Fuel (Composition and Content) Regulations 1999,
- mineral oil products intended for use as fuel in mobile or fixed combustion plants,
- fuels sold in closed systems (e.g. liquid gas bottles);

(d) artists’ paints covered by Regulation (EC) No 1272/2008;

(e) the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 11, column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the said date.

R3

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 R65 or H304,

4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the British Standard Specification on Decorative oil lamps (BS EN 14059) adopted by the British Standards Institute.

5. Without prejudice to the implementation of other legislation 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 R65 or 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 R65 or 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 R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.

7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the Agency.

LABELREMOVER

Legend

- R40
1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:
 - metallic glitter intended mainly for decoration,
 - artificial snow and frost,
 - ‘whoopie’ cushions,
 - silly string aerosols,
 - imitation excrement,
 - horns for parties,
 - decorative flakes and foams,
 - artificial cobwebs,
 - stink bombs.
 2. Without prejudice to the application of other legislation on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:
 - ‘For professional users only’.
 3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC (***) .
 4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.
 - (***) OJ L 147, 9.6.1975, p. 40.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
Asp. Tox.	Aspiration hazard
BCF	Bioconcentration factor
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EH40/2005	EH40/2005 Workplace exposure limits (http://www.nationalarchives.gov.uk/doc/open-government-licence/)
EINECS	European Inventory of Existing Commercial Chemical Substances
EL50	Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
Flam. Liq.	Flammable liquid
GB CLP	The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/720 (as amended)

LABELREMOVER

Abbr.	Descriptions of used abbreviations
GB REACH	The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended)
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
IMDG-Code	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LL50	Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality
log KOW	n-Octanol/water
NLP	No-Longer Polymer
NOELR	No Observed Effect Loading Rate
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitisation
STEL	Short-term exposure limit
STOT SE	Specific target organ toxicity - single exposure
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative
WEL	Workplace exposure limit

Key literature references and sources for data

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended).

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/720 (as amended).

GB mandatory classification and labelling.

LABELREMOVER

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).
Regulations concerning the International Carriage of Dangerous Goods by Rail (RID).
International Maritime Dangerous Goods Code (IMDG).
Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties.

Health hazards.

Environmental hazards.

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H222	Extremely flammable aerosol.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Responsible for the safety data sheet

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Disclaimer

This information is based upon the present state of our knowledge.

This SDS has been compiled and is solely intended for this product.