

101 Liquid grease 400 ml AB

Revision date: 24.03.2025

Product code: 1101048

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

1.1. Product identifier

101 Liquid grease 400 ml AB

UFI:

4283-W059-P00W-DWRR

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

Use of the substance/mixture

Lubricant gease

1.3. Details of the supplier of the safety data sheet

Company name:	TUNAP GmbH & Co. KG	
Street:	Buergermeister-Seidl-Strasse 2	
Place:	D-82515 Wolfratshausen	
Telephone:	+49 (0) 8171/1600-0	Telefax: +49 (0) 8171/1600-40
E-mail:	sdb@tunap.com	
Internet:	www.tunap.com	
1.4. Emergency telephone	111 NHS (National Health Service)	

number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Aerosol 1; H222-H229 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H336 Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

Hydrocarbons, C6, iso-alkanes, < 5 % n-hexane 2,6-di-tert-butyl-4-nonylphenol

Danger

Signal word:

Pictograms:



Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



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P211	Do not spray on an open flame or other ignition source.	
P251	Do not pierce or burn, even after use.	
P260	Do not breathe Aerosol.	
P280	Wear protective gloves.	
P302+P352	IF ON SKIN: Wash with plenty of water.	
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.	
P304+P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.	
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.	
2.2 Other hererde		

2.3. Other hazards

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Relevant ingredients

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
75-28-5	isobutane			25 - < 50 %
	200-857-2	601-004-00-0	01-2119485395-27	
	Flam. Gas 1, Liquefied gas; H220 I	H280	·	
64742-49-0	Hydrocarbons, C6, iso-alkanes, < 5	5 % n-hexane		10 - < 20 %
	931-254-9		01-2119484651-34	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE H411			
74-98-6	propane	5 - < 10 %		
	200-827-9	601-003-00-5	01-2119486944-21	
	Flam. Gas 1, Liquefied gas; H220 I			
106-97-8	butane	1 - < 3 %		
	203-448-7	601-004-00-0	01-2119474691-32	
	Flam. Gas 1, Liquefied gas; H220 I			
4306-88-1	2,6-di-tert-butyl-4-nonylphenol			0.1 - < 1 %
	224-320-7		01-2120759723-46	
	Skin Sens. 1B, Aquatic Acute 1, Ac			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	No Chemical name					
	Specific Conc. Limits, M-factors and ATE						
64742-49-0	931-254-9	931-254-9 Hydrocarbons, C6, iso-alkanes, < 5 % n-hexane					
	inhalation: LC mg/kg	inhalation: LC50 = 73860 mg/l (vapours); dermal: LD50 = >2920 mg/kg; oral: LD50 = >5840 mg/kg					
4306-88-1	224-320-7	224-320-7 2,6-di-tert-butyl-4-nonylphenol					
	inhalation: LC50 = >10 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = >2000 mg/kg						

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection! Remove persons to safety. Never give anything by mouth to an



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unconscious person or a person with cramps.

After inhalation

Remove person to fresh air and keep comfortable for breathing. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

Wash with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Call a physician in any case!

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

Headache, nausea, dizziness, fatigue, skin irritation

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

Treat symptomatically. Call a POISON CENTER. Symptoms can occur only after several hours.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water fog. Foam. Carbon dioxide (CO2). Extinguishing powder.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO2, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Move undamaged containers from immediate hazard area if it can be done safely. In case of fire: Wear self-contained breathing apparatus.

Additional information

Danger of bursting container.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Remove all sources of ignition. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protection equipment.

For non-emergency personnel

First aider: Pay attention to self-protection!

For emergency responders

Fight fire with normal precautions from a reasonable distance.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Ensure all waste water is collected and treated via a waste water treatment plant.

6.3. Methods and material for containment and cleaning up

For containment

Prevent spread over a wide area (e.g. by containment or oil barriers).



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For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe instructions for use.

Dust must be exhausted directly at the point of origin. Vapours/aerosols must be exhausted directly at the point of origin. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

When using do not eat, drink, smoke, sniff.

Wear personal protection equipment (refer to section 8).

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Heating causes rise in pressure with risk of bursting.

Advice on general occupational hygiene

Avoid exposure. Wear suitable protective clothing. Draw up and observe skin protection programme.

Further information on handling

Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Observe legal regulations and provisions.

Hints on joint storage

Do not store together with: Oxidizing agents. Pyrophoric or self-heating substances. Food and feedingstuffs.

Further information on storage conditions

Protect from frost. Protect from direct sunlight. Store in a cool dry place. Observe legal regulations and provisions.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL



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DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
64742-49-0	Hydrocarbons, C6, iso-alkanes, < 5 % n-hexa	ne		
Worker DNEL	, long-term	inhalation	systemic	5306 mg/m³
Worker DNEL	., long-term	dermal	systemic	13964 mg/kg bw/day
Consumer DN	NEL, long-term	inhalation	systemic	1131 mg/m³
Consumer DNEL, long-term		dermal	systemic	1377 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	1301 mg/kg bw/day
4306-88-1	2,6-di-tert-butyl-4-nonylphenol			
Worker DNEL	, long-term	inhalation	systemic	7,84 mg/m³
Worker DNEL, long-term		dermal	systemic	1,11 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	0,56 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,056 mg/kg bw/day

PNEC values

CAS No	Substance					
Environment	Environmental compartment					
4306-88-1	2,6-di-tert-butyl-4-nonylphenol					
Freshwater 0,000124 mg/						
Freshwater (intermittent releases)		0,00124 mg/l				
Marine water		0,012 mg/l				
Freshwater sediment		106 mg/kg				
Marine sediment		10,6 mg/kg				
Micro-organisms in sewage treatment plants (STP)		10 mg/l				
Soil	Soil					

Additional advice on limit values

a no restriction

b End of exposure or end of shift

c at long-term exposure:

d before next shift

blood (B) Urine (U)

8.2. Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection: Tightly sealed safety glasses. EN 166

Hand protection

Protect skin by using skin protective cream. When handling with chemical substances, protective gloves must



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be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Suitable material: NBR (Nitrile rubber) Breakthrough time: 480min

Thickness of the glove material 0,45 mm

EN ISO 374

Skin protection

Wear suitable protective clothing. Take off immediately all contaminated clothing and wash it before reuse.

Respiratory protection

Wear breathing apparatus if exposed to vapours/dusts/aerosols. When exceeding the relevant workplace exposure limits, note the following: Suitable respiratory protective equipment: Combination filter device (DIN EN 141).. Filtering device with filter or ventilator filtering device of type: AX Observe the wear time limits as specified by the manufacturer. Observe legal regulations and provisions.

Environmental exposure controls

Observe legal regulations and provisions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	colourless	
Odour:	odourless	
		Test method
Melting point/freezing point:	not determined	
Boiling point or initial boiling point and	not determined	
boiling range:		
Flammability:	not applicable	
	not applicable	
Lower explosion limits:	1 vol. %	
Upper explosion limits:	9,4 vol. %	
Flash point:	-80 °C	
Auto-ignition temperature:	258 °C	
Decomposition temperature:	not determined	
pH-Value (at 20 °C):	7	DIN 19268
Water solubility:	The study does not need to be conducted	
	because the substance is known to be	
	insoluble in water.	
Solubility in other solvents		
not determined		
Partition coefficient n-octanol/water:	not determined	
Vapour pressure:	not determined	
Density (at 20 °C):	0,785 g/cm ³	DIN 51757
Relative vapour density:	not determined	
9.2. Other information		
Information with regard to physical haz	ard classes	
Self-ignition temperature		
Solid:	not applicable	
Gas:	not applicable	
Oxidizing properties		
Not oxidising.		



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not determined

not determined

No information available

No information available.

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Other safety characteristics

Evaporation rate: Solid content: Sublimation point: Softening point: Pour point:

Further Information

Data apply to technical substance: Relative density, Colour, Odour, Viscosity, pH.

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Do not expose to temperatures above 50 °C. Heating causes rise in pressure with risk of bursting.

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air. Take precautionary measures against static discharges.

10.5. Incompatible materials

Oxidizing agents. Pyrophoric or self-heating substances.

10.6. Hazardous decomposition products

Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO2, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

Further information

Do not mix with other chemicals.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Toxicocinetics, metabolism and distribution

There are no data available on the mixture itself.

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l



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CAS No	Chemical name								
	Exposure route	Dose		Species	Source	Method			
64742-49-0	Hydrocarbons, C6, iso-a	lkanes, < 5	% n-hexane						
	oral	LD50 mg/kg	>5840	Rat					
	dermal	LD50 mg/kg	>2920	Rat					
	inhalation (4 h) vapour	LC50 mg/l	73860	Rat	Industrial Medicine, Vol. 39, No. 5, May	OECD Guideline 403			
4306-88-1	2,6-di-tert-butyl-4-nonylp	henol							
	oral	LD50 mg/kg	>2000	Rat					
	dermal	LD50 mg/kg	> 2000	Rat	Study report (2017)	OECD Guideline 402			
	inhalation (4 h) dust/mist	LC50	>10 mg/l	Rat					

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

May cause an allergic skin reaction. (2,6-di-tert-butyl-4-nonylphenol)

Carcinogenic/mutagenic/toxic effects for reproduction

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.

No indication of human carcinogenicity.

No indications of human germ cell mutagenicity exist.

No indications of human reproductive toxicity exist.

STOT-single exposure

May cause drowsiness or dizziness. (Hydrocarbons, C6, iso-alkanes, < 5 % n-hexane)

STOT-repeated exposure

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

Aspiration hazard

May be fatal if swallowed and enters airways.

Information on likely routes of exposure

Ingestion, Inhalation, Skin contact, Eye contact. Reference to other sections: 2.1, 4.2.

Specific effects in experiment on an animal

No information available.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

Other information

No information available.

SECTION 12: Ecological information



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12.1. Toxicity

Harmful to aquatic life with long lasting effects. ----

CAS No	Chemical name									
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method			
64742-49-0	Hydrocarbons, C6, iso-alkanes, < 5 % n-hexane									
	Acute fish toxicity	LC50 mg/l	>10 -100	96 h	Oncorhynchus mykiss (Rainbow trout)					
	Acute algae toxicity	ErC50 mg/l	13,56	72 h	Pseudokirchneriella subcapitata	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a			
	Acute crustacea toxicity	EC50 mg/l	31,9	48 h	Daphnia magna	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a			
	Fish toxicity	NOEC mg/l	4,089	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a			
	Crustacea toxicity	NOEC mg/l	7,138	21 d	Daphnia magna	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a			
4306-88-1	2,6-di-tert-butyl-4-nonylphenol									
	Acute fish toxicity	LC50 mg/l	> 10	96 h	Oncorhynchus mykiss	REACh Registration Dossier	OECD Guideline 203			
	Acute algae toxicity	ErC50 mg/l	> 100	72 h	Pseudokirchneriella subcapitata	REACh Registration Dossier	OECD Guideline 201			
	Acute crustacea toxicity	EC50 mg/l	0,124	48 h	Daphnia magna	REACh Registration Dossier	OECD Guideline 202			
	Acute bacteria toxicity	EC50 mg/l()	> 1000	3 h	activated sludge of a predominantly domestic sewag	REACh Registration Dossier	OECD Guideline 209			

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64742-49-0	Hydrocarbons, C6, iso-alkanes, < 5 % n-hexane			
	(OECD Prüfrichtlinie 301F	98 %	28	
	Leichtbiologisch abbaubar			

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
75-28-5	isobutane	2,8
64742-49-0	Hydrocarbons, C6, iso-alkanes, < 5 % n-hexane	3,6
74-98-6	propane	2,36
106-97-8	butane	2,89
4306-88-1	2,6-di-tert-butyl-4-nonylphenol	> 6,5



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BCF

CAS No	Chemical name	BCF	Species	Source
64742-49-0	Hydrocarbons, C6, iso-alkanes, < 5 % n-hexane	501,187	Pimephales promelas	QSAR in Environmenta

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH. The product has not been tested.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

160504

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

List of Wastes Code - used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	UN 1950
14.2. UN proper shipping name:	AEROSOLS
<u>14.3. Transport hazard class(es):</u>	2
14.4. Packing group:	-
Hazard label:	2.1
Classification code:	5F
Special Provisions:	190 327 344 625
Limited quantity:	1 L
Excepted quantity:	E0
Transport category:	2



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Tunnel restriction code:	D	
Inland waterways transport (ADN)		
<u>14.1. UN number or ID number:</u>	UN 1950	
14.2. UN proper shipping name:	AEROSOLS	
14.3. Transport hazard class(es):	2	
14.4. Packing group:	-	
Hazard label:	2.1	
Classification code:	5F	
Special Provisions:	190 327 344 625	
Limited quantity:	1 L	
Excepted quantity:	E0	
Marine transport (IMDG)		
14.1. UN number or ID number:	UN 1950	
14.2. UN proper shipping name:	AEROSOLS	
<u>14.3. Transport hazard class(es):</u>	2.1	
14.4. Packing group:	-	
Hazard label:	2.1	
Marine pollutant:	no	
Special Provisions:	63, 190, 277, 327, 344, 381,959	
Limited quantity:	1000 mL E0	
Excepted quantity: EmS:	EU F-D, S-U	
Air transport (ICAO-TI/IATA-DGR)		
14.1. UN number or ID number:	UN 1950	
14.2. UN proper shipping name:	AEROSOLS, flammable	
14.3. Transport hazard class(es):	2.1	
14.4. Packing group:	-	
Hazard label:	2.1	
Special Provisions:	A145 A167 A802	
Limited quantity Passenger:	30 kg G	
Passenger LQ:	Y203	
Excepted quantity:	E0	
IATA-packing instructions - Passenger: IATA-max. quantity - Passenger:	203 75 kg	
IATA-max. quantity - Passenger. IATA-packing instructions - Cargo:	203	
IATA-max. quantity - Cargo:	150 kg	
	100 kg	
14.5. Environmental hazards ENVIRONMENTALLY HAZARDOUS:	No	
14.6. Special precautions for user		
No information available.		
14.7. Maritime transport in bulk according t	o IMO instruments	
not applicable	<u></u>	
SECTION 15: Regulatory information		
	lations/legislation specific for the substance or mixture	
EU regulatory information		
Restrictions on use (REACH, annex XVII)		
Entry 3, Entry 28, Entry 40, Entry 78		
Directive 2010/75/EU on industrial	No information available.	

emissions:



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Directive 2004/42/EC on VOC in paints and varnishes:	No information available.	
Additional information		
Safety Data Sheet according to F Aerosol Directive (75/324/EEC)	Regulation (EC) No. 1907/2006 (REACH)	
National regulatory information		
Employment restrictions:	Observe restrictions to employment for juveniles accord work protection guideline' (94/33/EC).	ording to the 'juvenile
Water hazard class (D):	2 - obviously hazardous to water	
15.2. Chemical safety assessment		
	r substances in this mixture were not carried out.	

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2.

Abbreviations and acronyms

Flam. Gas: Flammable gases Aerosol: Aerosols Liquefied gas Flam. Liq: Flammable liquids Asp. Tox: Aspiration hazard Skin Irrit: Skin irritation Skin Sens: Skin sensitisation STOT SE: Specific target organ toxicity - single exposure Aquatic Acute: Acute aquatic hazard Aquatic Chronic: Chronic aquatic hazard ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IATA: International Air Transport Association IMDG: International Maritime Code for Dangerous Goods GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL/DMEL: Derived No Effect Level / Derived Minimal Effect Level WEL (UK): Workplace Exposure Limits TWA (EC): Time-Weighted Average ATE: Acute Toxicity Estimate STEL (EC) Short Term Exposure Limit LC50: Lethal Concentration EC50: half maximal Effective Concentration ErC50: means EC50 in terms of reduction of growth rate



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Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
Asp. Tox. 1; H304	
Skin Irrit. 2; H315	Bridging principle "Aerosols"
Skin Sens. 1; H317	Bridging principle "Aerosols"
STOT SE 3; H336	Bridging principle "Aerosols"
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode 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.
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.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)