

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 30.11.2023

Version: 5.01 (replaces version 5.00)

Revision: 18.05.2022

1.1 P	roduct identifier
Trad	e name: <u>STIHL Resin solvent Superclean</u> <u>UFI: NQD0-20X3-X00F-RWTT</u> [08.02.2019]
Appl Resir Lubri Deter Cons Profe	elevant identified uses of the substance or mixture and uses advised against ication of the substance / the mixture and oil dissolver
1.3 D Manu Supp Unite AND	etails of the supplier of the safety data sheet ifacturer/Supplier: lier: d Kingdom REAS STIHL LTD. Contra House Oak Close Camberley, Surrey, GU15 3FG Great Britain
Irelar ORIC telep Manu ANDI	O Unit 23, Magna Drive, Magna Business Park City West Dublin 24 Ireland none: +353 1 4666 700 E-Mail: sales@origo.ie I facturer: REAS STIHL AG & Co.KG Badstr. 115 71336 Waiblingen Germany
	none: +49 (0)6071 3055358 E-Mail: kundenservice@stihl.de er information obtainable from: E-Mail: kundenservice@stihl.de
1.4 E In En In Sc In N click In Re Healt Mem	mergency telephone number: gland and Wales: dial 111 (NHS 111) otland: dial 111 (NHS 24) reland: Contact your local GP or pharmacist during normal hours; here (www.gpoutofhours.hscni.net) for GP services Out-of-Hours. public of Ireland: hcare Professionals: +353 (01) 809 2566 (24 hour service) pers of Public: +353 (01) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week) hany: +49 (0) 89 19240 (Poison Centre Munich)

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Aerosol 1 H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. Hazard pictograms GHS02 Signal word Danger Hazard statements H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. Precautionary statements 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.

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P410+P412 Protect from sunlight. IP501Dispose of contents/co 2.3 Other hazardsResults of PBT and vPvB assessPBT: According to information provided inclassified as PBT vPvB: According to information provided inclassified as vPvB. Determination of endocrine-disru The substance/mixture does not co	n the supply chain, the mix contains less than 0.1% of any subst n the supply chain, the mix contains less than 0.1% of any subst	tances tances perties
Regulation (EU) 2018/605 at levels		
SECTION 3: Composition/i	nformation on ingredients	
-		
3.2 Mixtures Description: Formulation consistin	g of pressurised gas and solvents with additives	
Dangerous components:	-	
CAS: 72623-86-0 EINECS: 276-737-9 Reg.nr.: 01-2119474878-16-XXXX	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil- based	25-<50
EC No 926-141-6	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	25-<509
Reg.nr.: 01-2119456620-43-xxxx	Alternative CAS number: 64742-47-8	-
Reg.nr.: 01-2119456620-43-xxxx CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx		5-<109
CAS: 106-97-8 EINECS: 203-448-7	Alternative CAS number: 64742-47-8	-
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx CAS: 74-98-6 EINECS: 200-827-9	Alternative CAS number: 64742-47-8	5-<10%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx CAS: 75-28-5 EINECS: 200-857-2	Alternative CAS number: 64742-47-8 Asp. Tox. 1, H304, EUH066 butane Flam. Gas 1A, H220; Press. Gas (Comp.), H280 propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280 isobutane	5-<109
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx CAS: 110-25-8 EC number: 701-177-3 Reg.nr.: 01-2119488991-20-xxxx	Alternative CAS number: 64742-47-8 Asp. Tox. 1, H304, EUH066 butane Flam. Gas 1A, H220; Press. Gas (Comp.), H280 propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280 isobutane Flam. Gas 1A, H220; Press. Gas (Comp.), H280 (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1); Acute Tox. 4, H332; Skin Irrit. 2, H315; Aquatic Chronic 3,	5-<109
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx CAS: 110-25-8 EC number: 701-177-3 Reg.nr.: 01-2119488991-20-xxxx	Alternative CAS number: 64742-47-8 Asp. Tox. 1, H304, EUH066 butane Flam. Gas 1A, H220; Press. Gas (Comp.), H280 propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280 isobutane Flam. Gas 1A, H220; Press. Gas (Comp.), H280 (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1); Acute Tox. 4, H332; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	5-<10% 1-<3%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx CAS: 110-25-8 EC number: 701-177-3 Reg.nr.: 01-2119488991-20-xxxx Regulation (EC) No 648/2004 on C	Alternative CAS number: 64742-47-8 Asp. Tox. 1, H304, EUH066 butane Flam. Gas 1A, H220; Press. Gas (Comp.), H280 propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280 isobutane Flam. Gas 1A, H220; Press. Gas (Comp.), H280 (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1); Acute Tox. 4, H332; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	- 5-<10% 5-<10% 1-<3% <0.25%

SECTION 4: First aid measures

 4.1 Description of first aid measures

 General information:

 Take affected persons out into the fresh air.

 Remove soiled clothing

 After inhalation:

 Supply fresh air.

 In the event of irritation of the respiratory tract, dizziness, nausea or unconsciousness, call medical assistance immediately .

 After skin contact: Wash the areas of skin affected with water and a mild detergent.

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After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. After swallowing: Do not induce vomiting; call for medical help immediately. *4.2 Most important symptoms and effects, both acute and delayed Breathing difficulty Headache Dizziness Nausea*

4.3 Indication of any immediate medical attention and special treatment needed Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing agents: Water haze Foam Fire-extinguishing powder Carbon dioxide For safety reasons unsuitable extinguishing agents: Water with full jet 5.2 Special hazards arising from the substance or mixture In case of fire, the following can be released: Carbon monoxide (CO) Carbon dioxide (CO2) Sulphur dioxide (SO2) 5.3 Advice for firefighters Protective equipment: Do not inhale explosion gases or combustion gases. Wear fully protective suit. Do not enter the hazardous area without a self-contained breathing apparatus. See Section 8 for information on personal protection equipment. Additional information Cool endangered receptacles with water sprav. Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation For non-emergency personnel Keep away from ignition sources. For emergency responders Wear protective equipment. Keep unprotected persons away. Particular danger of slipping on leaked/spilled product. Do not inhale gases / fumes / aerosols. 6.2 Environmental precautions: Do not allow to penetrate the ground/soil. Do not allow to enter sewers/ surface or ground water. 6.3 Methods and material for containment and cleaning up: Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

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Information about fire - and explosion protection:	(Contd. of page 3)
Keep ignition sources away - Do not smoke.	
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50° pierce or burn, even after use. Do not spray onto a naked flame or any incandescent material. Highly volatile, flammable constituents are released during processing. Fumes can combine with air to form an explosive mixture.	C. Do not
7.2 Conditions for safe storage, including any incompatibilities Storage: Requirements to be met by storerooms and receptacles:	
Provide solvent resistant, sealed floor. Observe official regulations on storing packagings with pressurised containers.	
Information about storage in one common storage facility:	
Store away from foodstuffs.	
Observe local/state/federal regulations.	
Further information about storage conditions:	
Protect from heat and direct sunlight.	
Store receptacle in a well ventilated area.	
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting. Recommended storage temperature: 20 °C.	

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Hydrocar	hons (limit values that require monitoring at the workplace: 11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics
RCP-TWA		Long-term value: 1200 mg/m ³ , 165 ppm
NOI - I WA (EO)		Vapour / Total Hydrocarbons
CAS: 106	-97-8 bi	Itane
WEL (Great Britain)		n) Short-term value: 1810 mg/m³, 750 ppm
		Long-term value: 1450 mg/m³, 600 ppm
a -		Carc (if more than 0.1% of buta-1.3-diene)
OEL (Irela	,	Short-term value: 1000 ppm
CAS: 74-9	•	•
OEL (Irela	,	Asphx
CAS: 75-2		
OEL (Irela	nd)	Short-term value: 1000 ppm
	at Britai	n): EH40/2020 21 CoP for the Safety, Health and Welfare at Work
	23-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
		• • •
Inhalative		1 2 ma/m² (consumer) (local / londferm (reneated))
Inhalative	DIVLL	1.2 mg/m³ (consumer) (local / longterm (repeated)) 5.4 mg/m³ (worker) (local / longterm (repeated))
		5.4 mg/m³ (worker) (local / longterm (repeated))
CAS: 110	-25-8 (Z	5.4 mg/m³ (worker) (local / longterm (repeated)))-N-methyl-N-(1-oxo-9-octadecenyl)glycine
	-25-8 (Z	5.4 mg/m³ (worker) (local / longterm (repeated)))-N-methyl-N-(1-oxo-9-octadecenyl)glycine 92 mg/kg (consumer) (acute systematic effects)
CAS: 110 Oral	-25-8 (Z DNEL DNEL	5.4 mg/m³ (worker) (local / longterm (repeated)))-N-methyl-N-(1-oxo-9-octadecenyl)glycine 92 mg/kg (consumer) (acute systematic effects) 5 mg/kg (consumer) (longterm systematic effects)
CAS: 110	-25-8 (Z DNEL DNEL	5.4 mg/m ³ (worker) (local / longterm (repeated)))-N-methyl-N-(1-oxo-9-octadecenyl)glycine 92 mg/kg (consumer) (acute systematic effects) 5 mg/kg (consumer) (longterm systematic effects) 50 mg/kg (consumer) (acute systematic effects)
CAS: 110 Oral	-25-8 (Z DNEL DNEL DNEL	5.4 mg/m³ (worker) (local / longterm (repeated)))-N-methyl-N-(1-oxo-9-octadecenyl)glycine 92 mg/kg (consumer) (acute systematic effects) 5 mg/kg (consumer) (longterm systematic effects) 50 mg/kg (consumer) (acute systematic effects) 10 mg/kg (worker) (longterm systematic effects)
CAS: 110 Oral	-25-8 (Z DNEL DNEL DNEL	5.4 mg/m³ (worker) (local / longterm (repeated)))-N-methyl-N-(1-oxo-9-octadecenyl)glycine 92 mg/kg (consumer) (acute systematic effects) 5 mg/kg (consumer) (longterm systematic effects) 50 mg/kg (consumer) (acute systematic effects) 10 mg/kg (worker) (longterm systematic effects) 5 mg/kg (consumer) (longterm systematic effects)
CAS: 110 Oral Dermal	-25-8 (Z DNEL DNEL DNEL DNEL	5.4 mg/m³ (worker) (local / longterm (repeated)))-N-methyl-N-(1-oxo-9-octadecenyl)glycine 92 mg/kg (consumer) (acute systematic effects) 5 mg/kg (consumer) (longterm systematic effects) 50 mg/kg (consumer) (acute systematic effects) 10 mg/kg (worker) (longterm systematic effects)

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		18 mg/m³ (worker) (acute locale effects)
	DNEL	0.005 mg/m³ (consumer) (longterm local effects)
		0.01 mg/m³ (worker) (longterm local effects)
	DNEL	0.1 mg/m³ (consumer) (longterm systematic effects)
		0.2 mg/m³ (worker) (longterm systematic effects)
PNECs		·
CAS: 110	-25-8 (2	Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine
PNEC 0.	0043 m	g/l (sporadic release)
0.	00043 n	ng/l (water (fresh water))
0.	000043	mg/l (water (sea water))
		nation: The lists valid during the making were used as basis.
Ensure go	technic bod ven	ntrols al control devices tilation. This can be achieved by localised extraction or general ventilation. If this is not the concentration below the occupational exposure limit, suitable breathing protection is to
Suitable Ensure go sufficient be worn. Individua General p The usua Wash har Keep awa	technic bod ven to keep I protecti I precau nds befo ny from 1	al control devices tilation. This can be achieved by localised extraction or general ventilation. If this is not the concentration below the occupational exposure limit, suitable breathing protection is to ction measures, such as personal protective equipment ve and hygienic measures: tionary measures are to be adhered to when handling chemicals. bre breaks and at the end of work. foodstuffs, beverages and feed.
Suitable Ensure go sufficient be worn. Individua General µ The usua Wash har Keep awa Respirato	technic bod ven to keep I protecti precau nds befo ny from to ory prot	al control devices tilation. This can be achieved by localised extraction or general ventilation. If this is not the concentration below the occupational exposure limit, suitable breathing protection is to ction measures, such as personal protective equipment ve and hygienic measures: tionary measures are to be adhered to when handling chemicals. bre breaks and at the end of work. foodstuffs, beverages and feed. tection:
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Suitable Ensure go sufficient be worn. Individua General µ The usua. Wash har Keep awa Respirato Not requir If the occu The follow Respirato Identificat	technic bod ven to keep I protec protecti l precau ds befo by from to pry prot red in no upationa ving bre ry filter ion colo	al control devices tilation. This can be achieved by localised extraction or general ventilation. If this is not the concentration below the occupational exposure limit, suitable breathing protection is to ction measures, such as personal protective equipment ve and hygienic measures: tionary measures are to be adhered to when handling chemicals. bre breaks and at the end of work. foodstuffs, beverages and feed. tection: ormal cases al exposure limit is exceeded: athing protection is recommended:
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Suitable Ensure go sufficient be worn. Individua General µ The usua. Wash har Keep awa Respirato Not requir If the occu The follow Respirato Identificat [DIN EN 1 Hand pro Material o Nitrile rub	technic bod ven to keep I protec protecti precau dos befo y from to pry prot red in no upationa ving bre ry filter ion colo (4387] tection of glove ber, NB	al control devices tilation. This can be achieved by localised extraction or general ventilation. If this is not the concentration below the occupational exposure limit, suitable breathing protection is to ction measures, such as personal protective equipment ve and hygienic measures: tionary measures are to be adhered to when handling chemicals. bre breaks and at the end of work. foodstuffs, beverages and feed. tection: ormal cases al exposure limit is exceeded: athing protection is recommended: for organic gases and vapours (Type A) bur: Brown Protective gloves R
Suitable Ensure go sufficient be worn. Individua General µ The usua. Wash har Keep awa Respirato Not requir If the occu The follow Respirato Identificat [DIN EN 1 Hand pro Material o Nitrile rub Recomme	technic bod ven to keep I protec I protecti I precau dos befo by from to pry prot red in no upationa ving bre ry filter to colo 4387] tection b glove ber, NB ended th	al control devices tilation. This can be achieved by localised extraction or general ventilation. If this is not the concentration below the occupational exposure limit, suitable breathing protection is to ction measures, such as personal protective equipment ve and hygienic measures: tionary measures are to be adhered to when handling chemicals. bre breaks and at the end of work. foodstuffs, beverages and feed. tection: ormal cases al exposure limit is exceeded: athing protection is recommended: for organic gases and vapours (Type A) bur: Brown Protective gloves as

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chem	ical properties
General Information	
Physical state	Fluid
Colour:	Yellow
Odour:	Vanilla
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boili	
range	180 - 370 °C
	(Active ingredient data)
Flammability	Extremely flammable aerosol.
Lower and upper explosion limit	
Lower:	0.6 Vol % (Hydrocarbons, C11-C14, n-alkanes,
	isoalkanes, cyclics, < 2% aromatics)
	1,5 Vol.% (Propellant data)
Upper:	7 Vol % (Hydrocarbons, C11-C14, n-alkanes,
	isoalkanes, cyclics, < 2% aromatics)
	10,9 Vol.% (Propellant data)
Flash point:	Not applicable, as aerosol.
Decomposition temperature:	Not determined.
рН	Not applicable.
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Viscosity:	
Kinematic viscosity at 40 °C	<20.5 mm²/s (DIN 51562)
	(Active ingredient data)
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 20 °C:	0.81 - 0.83 g/cm³
	(Active ingredient data)
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Aerosol
Important information on protection of health and	d
environment, and on safety.	
Ignition temperature:	Not determined.
Explosive properties:	In use, may form flammable/explosive vapour-air
$\mathbf{F} = \mathbf{F} + \mathbf{F} + \mathbf{F} + \mathbf{F}$	mixture.
Change in condition	
Evaporation rate	Not determined.
Information with regard to physical hazard class	
Explosives	Void
Flammable gases	Void
Aerosols	Extremely flammable aerosol.
Aerosois	>85% (percent by mass) flammable components,
	combustion energy 30 kJ/g
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable	
gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No dangerous reactions known.

10.2 Chemical stability Stable under normal conditions.

10.3 Possibility of hazardous reactions Develops readily flammable gases/fumes.

10.4 Conditions to avoid

An increase in pressure may lead to bursting.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Keep ignition sources away - Do not smoke.

See Section 7 for information on safe handling.

10.5 Incompatible materials: strong oxidizing agents

10.6 Hazardous decomposition products: No dangerous decomposition products known.

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11 1 Infor	mation on	hazard classes as defined in Regulation (EC) No 1272/2008
		d on available data, the classification criteria are not met.
LD/LC50	values rele	vant for classification:
CAS: 726	23-86-0 Lu	bricating oils (petroleum), C15-30, hydrotreated neutral oil-based
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative		>5,000 mg/l (rat)
	-	C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>5,000 mg/kg (rabbit) (OECD 402)
Inhalative		>5,000 mg/m ³ (rat) (OECD 403)
	. ,	methyl-N-(1-oxo-9-octadecenyl)glycine
Oral	LD50	5,000 mg/kg (rat) (OECD 401) >5,000 mg/kg (Ratte) (OECD 420)
Inhalativa	1 C 50 / Ab	1.37 mg/m ³ (rat)
IIIIaialive	20307411	1.8 mg/m³ (Ratte) (OECD 403)
Skin corr	osion/irrita	tion Based on available data, the classification criteria are not met.
Serious e	ye damage	e/ irritation Based on available data, the classification criteria are not met.
Respirato	ry or skin	sensitisation Based on available data, the classification criteria are not met.
Germ cell	mutageni	city Based on available data, the classification criteria are not met.
Carcinog	enicity Bas	ed on available data, the classification criteria are not met.
Reproduc	tive toxici	ty Based on available data, the classification criteria are not met.
STOT-sin	gle exposu	<i>ire</i> Based on available data, the classification criteria are not met.
STOT-rep	eated expo	osure Based on available data, the classification criteria are not met.
Aspiratio	n hazard B	ased on available data, the classification criteria are not met.
Additiona	l toxicolog	lical information:
11.2 Infor Endocrin According	mation on e disruptin to the curre	city Based on available data, the classification criteria are not met. other hazards g properties ent state of scientific knowledge, there is no data for the product regarding endocrine with health effects.

SECTION 12: Ecological information

12.1 Toxicity There are no ecotoxicological data available on this mixture.

	86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	
NOEC / 2 d	≥10,000 mg/l (Daphnia magna) (OECD 202)	
LC50 / 96h	>100 mg/l (fish)	
EC50 / 48h	>10,000 mg/l (Daphnia magna) (OECD 202)	
ErC 50 / 72h	>100 mg/l (algae)	
NOEC 96h	≥100 mg/l (fish) (OECD 203)	
NOEC / 21 d	≥10 mg/l (Daphnia magna) (OECD 211)	
NOEC / 72 h	≥100 mg/l (algae)	
Hydrocarbor	ns, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
LLO 96 h	1,000 mg/l (Oncorhynchus mykiss)	
ELO 48 h	1,000 mg/l (Daphnia magna)	
	(Contd. d	on pag



HP3

Flammable

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- GB

ELO 72 h	(Contd. of page 7 1,000 mg/l (Pseudokirchneriella subcapitata)
CAS: 106-97-	
	27.98 mg/l (fish)
EC50 / 4 d	7.71 mg/l (algae)
CAS: 74-98-6	
	27.98 mg/l (fish)
	7.71 mg/l (algae)
CAS: 75-28-5	
LC50 / 96 h	27.98 mg/l (fish)
EC50 / 4 d	7.71 mg/l (algae)
	8 (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine
LC50 / 96 h	6.8 mg/l (fish)
EC20 / 0.5 h	50 mg/l (activated sludge)
	0.43 mg/l (Daphnia magna)
EC50 / 72h	6.3 mg/l (Scenedesmus subspicatus)
	0.91 mg/l (Desmodesmus subspicatus) (OECD 201)
12.2 Persiste	nce and degradability
	ctive substances contained in the product meet the requirement of the EU Detregent Regulation
(EC/648/2004	4) for ultimate biodegradability for surfactants in detergents.
CAS: 72623-8	36-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
Biodegradatio	n >60 % (28d)
Hydrocarbon	s, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Biodegradatio	n 69 % (28d)
CAS: 110-25-	8 (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine
CSB	2,400 mg/g
Biodegradatio	n 85 % (OECD 301 B Ready Biodegradability CO2 Evolution)
12.3 Bioaccu	mulative potential
	8 (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine
log POW 3.5-	
-	in soil No further relevant information available.
	of PBT and vPvB assessment
PBT:	
According to in classified as F	nformation provided in the supply chain, the mix conatins less than 0.1% of any substances
vPvB:	
	nformation provided in the supply chain, the mix conatins less than 0.1% of any substances
classified as v	
	ne disrupting properties
	he current state of scientific knowledge, there is no data for the product regarding endocrine perties with effects on the environment.
	lverse effects
	ological information:
General note	s: The product may not be released into the environment without control.
SECTION 1	13: Disposal considerations
	•
	reatment methods ied as hazardous according to Annex III to Directive 2008/98/EC.
Recommenda	ation Waste must be disposed of while observing the local, official regulations.
European wa	ste catalogue
	duct + Disposal / contaminated packaging
15 01 10* pa	ckaging containing residues of or contaminated by hazardous substances



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Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information	
14.1 UN number or ID number ADR/RID/ADN, IMDG, IATA	UN1950
14.2 UN proper shipping name ADR/RID/ADN IMDG IATA	1950 AEROSOLS AEROSOLS AEROSOLS, flammable
14.3 Transport hazard class(es)	
ADR/RID/ADN	
Class	2 5F Gases.
Label	2.1
Class	2.1 Gases.
Label	2.1
14.4 Packing group ADR/RID/ADN, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	see Sections 6-8 Warning: Gases.
14.7 Maritime transport in bulk according instruments	g to IMO Not applicable.
Transport/Additional information:	
ADR/RID/ADN Limited quantities (LQ) Transport category Tunnel restriction code	1L 2 D
UN "Model Regulation":	UN1950, AEROSOLS, 2.1

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture European Directives: Directive 2010/75/EU (VOC) 51.65 % Catégorie SEVESO (DIRECTIVE 2012/18/EU) P3a FLAMMABLE AEROSOLS **REGULATION (EU) 2019/1148** Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3)) None of the ingredients is listed. (Contd. on page 10)

GP



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Annex II - REPO	RTABLE EXPLOSIVES PRECURSORS
None of the ingre	
National regulat	tions:
Information abo Employment resti Employment resti	ut limitation of use: rictions concerning juveniles must be observed. rictions concerning pregnant and lactating women must be observed. afety assessment: A Chemical Safety Assessment has not been carried out.
SECTION 16:	Other information
	is based on our present knowledge. However, this shall not constitute a guarantee for any features and shall not establish a legally valid contractual relationship.
Relevant phrase	
	ely flammable gas.
	s gas under pressure; may explode if heated.
	fatal if swallowed and enters airways. skin irritation.
	skin intalion. serious eye damage.
	l if inhaled.
	kic to aquatic life.
	to aquatic life with long lasting effects.
	ed exposure may cause skin dryness or cracking.
	ccording to Regulation (EC) No 1272/2008
	n 2.3.1 The classification of the mixture is generally based on the calculation method usin substance data according to Regulation (EC) No 1272/2008.
	s version: 18.02.2022
	r of previous version: 5.00
Abbreviations an vPvB: very persistent a	and very bioaccumulative
PBT: persistent, bioaco	cumulative, toxic national concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the
	t of Dangerous Goods by Rail)
NOEL = No Observed NOEC = No Observed	
LC = letal Concentratio	
EC50 = half maximal e	effective concentration vater partition coefficient
GHS: Globally Harmon	nized System of Classification and Labelling of Chemicals
ATE: acute toxicity esti	timate I transport international des marchandises dangereuses par route (European Agreement Concerning the International
Carriage of Dangerous	s Goods by Road)
IMDG: International Ma IATA: International Air	aritime Code for Dangerous Goods Transport Association
EINECS: European Inv	ventory of Existing Commercial Chemical Substances
	st of Notified Chemical Substances acts Service (division of the American Chemical Society)
DNEL: Derived No-Effe	fect Level (UK REACH)
PNEC: Predicted No-E LC50: Lethal concentra	Effect Concentration (UK REACH) ration. 50 percent
LD50: Lethal dose, 50	
	cupational exposure limit values able gases – Category 1A
Aerosol 1: Aerosols – (Category 1
: Aerosols – Category : Press. Gas (Comp.): G	3 Gases under pressure – Compressed gas
Acute Tox. 4: Acute to	
Eye Dam. 1: Serious e	eye damage/eye irritation – Category 1
Asp. Tox. 1: Aspiration	a hozord Catagory 1
Aquatic Acuta 1. Hazar	
	r nazara – Garegory 1 rdous to the aquatic environment - acute aquatic hazard – Category 1 zardous to the aquatic environment - long-term aquatic hazard – Category 3