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

Printing date 11.07.2022 *Version: 4 (replaces version 3)* *Revision: 11.07.2022*

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

· **1.1 Product identifier**

· **Trade name: ZEPVENTURE ORIGINAL AERO**

· **Article number:** 98990001
· **UFI:** Y3PM-189M-969D-X788
· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
· **Life cycle stages** PW Widespread use by professional workers
· **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
· **Product category** PC35 Washing and cleaning products (including solvent based products)
· **Process category** PROC11 Non industrial spraying
· **Environmental release category**
ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)

· **Application of the substance / the mixture** Alkaline cleaner/ detergent

· **1.3 Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
ZEP ITALIA SRL
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20123 Milano (MI) - Italy;
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IT: Tel: +39 069 266 91Fax: +39 06.927 470 61
UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011
· **1.4 Emergency telephone number:**
NHS +44 0845 46 47 (England or Wales); +44 08454 24 24 24 (Scotland)
emergency number (europe): 112

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**
Aerosol 3 H229 Pressurised container: May burst if heated.
Eye Dam. 1 H318 Causes serious eye damage.

· **2.2 Label elements**
· **Labelling according to Regulation (EC) No 1272/2008** The product is classified and labelled according to the CLP regulation.

(Contd. on page 2)

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

Printing date 11.07.2022 *Version: 4 (replaces version 3)* *Revision: 11.07.2022*

Trade name: ZEPVENTURE ORIGINAL AERO

(Contd. of page 1)

· ***Hazard pictograms***

GHS05

· ***Signal word*** *Danger*

· ***Hazard-determining components of labelling:***
tetrasodium ethylenediaminetetraacetate
Alcohols, C12-15, ethoxylated
· ***Hazard statements***
H229 Pressurised container: May burst if heated.
H318 Causes serious eye damage.
· ***Precautionary statements***
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251 Do not pierce or burn, even after use.
P280 Wear eye protection / face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
· ***Additional information:***
9.80000019 % by mass of the contents are flammable
· ***2.3 Other hazards*** *The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds.*
· ***Results of PBT and vPvB assessment***
· ***PBT:*** *Not applicable.*
· ***vPvB:*** *Not applicable.*

*
SECTION 3: Composition/information on ingredients

· ***3.2 Mixtures***
· ***Description:*** *Mixture of substances listed below with nonhazardous additions.*

· ***Dangerous components:***

CAS: 106-97-8 *EINECS: 203-448-7* *Index number: 601-004-00-0* *Reg.nr.: 01-2119474691-32-xxxx*	*butane (< 0.1% butadine)* *Flam. Gas 1A, H220* *Press. Gas (Comp.), H280*	*2.5-5%*
CAS: 34590-94-8 *EINECS: 252-104-2* *Reg.nr.: 01-2119450011-60-xxxx*	*(2-methoxymethylethoxy)propanol* *substance with a Community workplace exposure limit*	*1-2.5%*
CAS: 5131-66-8 *EINECS: 225-878-4* *Index number: 603-052-00-8* *Reg.nr.: 01-2119475527-28-xxxx*	*1-butoxypropan-2-ol* *Skin Irrit. 2, H315; Eye Irrit. 2, H319*	*1-2.5%*
CAS: 64-02-8 *EINECS: 200-573-9* *Index number: 607-428-00-2* *Reg.nr.: 01-2119486762-27-xxxx*	*tetrasodium ethylenediaminetetraacetate* *STOT RE 2, H373* *Eye Dam. 1, H318* *Acute Tox. 4, H302; Acute Tox. 4, H332*	*1-2.5%*
CAS: 74-98-6 *EINECS: 200-827-9* *Index number: 601-003-00-5* *Reg.nr.: 01-2119486944-21-xxxx*	*propane* *Flam. Gas 1A, H220* *Press. Gas (Comp.), H280*	*1-2.5%*
CAS: 68131-39-5 *NLP: 500-195-7*	*Alcohols, C12-15, ethoxylated* *Eye Dam. 1, H318* *Aquatic Acute 1, H400* *Acute Tox. 4, H302*	*≥1-<2.5%*

(Contd. on page 3)

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

Printing date 11.07.2022 Version: 4 (replaces version 3) Revision: 11.07.2022

Trade name: ZEPVENTURE ORIGINAL AERO

(Contd. of page 2)

CAS: 7173-51-5 EINECS: 230-525-2 Index number: 612-131-00-6	didecyldimethylammonium chloride Acute Tox. 3, H301 Skin Corr. 1B, H314; Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10); Aquatic Chronic 2, H411	≥0.1-<0.25%
CAS: 141-43-5 EINECS: 205-483-3 Index number: 603-030-00-8 Reg.nr.: 01-2119486455-28-xxxx	2-aminoethanol Skin Corr. 1B, H314; Eye Dam. 1, H318 Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332 Aquatic Chronic 3, H412 Specific concentration limit: STOT SE 3; H335: C ≥ 5 %	≥0.1-<1%

· **Additional information:**	
Aliphatic hydrocarbons	≥5 - <15%
EDTA and salts thereof, Nonionic surfactants	<5%
Disinfectants, Perfumes (BENZYL SALICYLATE)	

· **Additional Information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General information:** Immediately remove any clothing soiled by the product.
· **After inhalation:** Supply fresh air; consult doctor in case of complaints.
· **After swallowing:** Seek immediate medical advice.
· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
· **5.3 Advice for firefighters**
· **Protective equipment:** No special measures required.
· **Additional information** Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
· **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **6.3 Methods and material for containment and cleaning up:**
Use neutralising agent.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
· **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** Keep away from heat and direct sunlight.
· **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Mechanical ventilation is not required for storage
Observe official regulations on storing packagings with pressurised containers.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:**
Keep receptacle tightly sealed.
Protect from heat and direct sunlight.

(Contd. on page 4)

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

Printing date 11.07.2022 *Version: 4 (replaces version 3)* *Revision: 11.07.2022*

Trade name: ZEPVENTURE ORIGINAL AERO

(Contd. of page 3)

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

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SECTION 8: Exposure controls/personal protection

· ***8.1 Control parameters***

· ***Ingredients with limit values that require monitoring at the workplace:***	
CAS: 34590-94-8 (2-methoxymethylethoxy)propanol	
IOELV	*Long-term value: 308 mg/m³, 50 ppm* *Skin*
CAS: 141-43-5 2-aminoethanol	
IOELV	*Short-term value: 7.6 mg/m³, 3 ppm* *Long-term value: 2.5 mg/m³, 1 ppm* *Skin*

· ***DNELs***		
CAS: 34590-94-8 (2-methoxymethylethoxy)propanol		
Oral	*DNEL Long term-systemic*	*1.67 mg/kg human/day (consumer)*
Dermal	*DNEL Long term-systemic*	*15 mg/kg human/day (consumer)*
		65 mg/kg human/day (worker)
Inhalative	*DNEL Long term-systemic mg/m3*	*37.2 mg/m3 (consumer)*
		310 mg/m3 (worker)
CAS: 5131-66-8 1-butoxypropan-2-ol		
Oral	*DNEL Long term-systemic*	*8.75 mg/kg human/day (consumer)*
Dermal	*DNEL Acute-systemic*	*44 mg/kg human/day (consumer)*
		16 mg/kg human/day (worker)
	DNEL Long term-systemic	*16 mg/kg human/day (consumer)*
		44 mg/kg human/day (worker)
Inhalative	*DNEL Long term-systemic mg/m3*	*33.8 mg/m3 (consumer)*
	DNEL Acute-systemic mg/m3	*270.5 mg/m3 (worker)*
CAS: 64-02-8 tetrasodium ethylenediaminetetraacetate		
Oral	*DNEL Long term-systemic*	*28 mg/kg human/day (consumer)*
Inhalative	*DNEL Long term-systemic mg/m3*	*1.5 mg/m3 (worker)*
	DNEL Acute-systemic mg/m3	*1.7 mg/m3 (consumer)*
		2.8 mg/m3 (worker)
	DNEL Acute-local mg/m3	*3 mg/m3 (worker)*

· ***PNECs***	
CAS: 34590-94-8 (2-methoxymethylethoxy)propanol	
PNEC Freshwater mg/L	*19 mg/L*
PNEC Marinewater mg/L	*1.9 mg/L*
PNEC Freshwater sediment	*70.2 mg/Kg*
PNEC Marine water sediment	*7.02 mg/Kg*
PNEC Intermittent release	*190*
PNEC Soil	*2.74 mg/Kg*
PNEC Sewage treatment Plant mg/L	*4,168 mg/L*
CAS: 5131-66-8 1-butoxypropan-2-ol	
PNEC Freshwater mg/L	*0.525 mg/L*
PNEC Marinewater mg/L	*0.0525 mg/L*
PNEC Freshwater sediment	*2.36 mg/Kg*
PNEC Marine water sediment	*0.236 mg/Kg*
PNEC Intermittent release	*5.25 (mg/l)*
PNEC Soil	*0.16 mg/Kg*
PNEC Sewage treatment Plant mg/L	*10 mg/L*
CAS: 64-02-8 tetrasodium ethylenediaminetetraacetate	
PNEC Freshwater mg/L	*2.8 mg/L*

(Contd. on page 5)

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

Printing date 11.07.2022 Version: 4 (replaces version 3) Revision: 11.07.2022

Trade name: ZEPVENTURE ORIGINAL AERO

(Contd. of page 4)

PNEC Marinewater mg/L	0.28 mg/L
PNEC Intermittent release	1.6 (mg/L)
PNEC Soil	0.95 mg/Kg
PNEC Sewage treatment Plant mg/L	57 mg/L

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**
· **Appropriate engineering controls** No further data; see item 7.
· **Individual protection measures, such as personal protective equipment**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
· **Hand protection**

Protective gloves

· **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
· **Not suitable are gloves made of the following materials:** Strong material gloves
· **Eye/face protection**

Tightly sealed goggles

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SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**
· **General Information**

· **Colour:**	White
· **Odour:**	Characteristic
· **Odour threshold:**	Not determined.
· **Melting point/freezing point:**	Undetermined.
· **Boiling point or initial boiling point and boiling range**	100 °C
· **Flammability**	Not applicable.
· **Lower and upper explosion limit**	
· **Lower:**	Not determined.
· **Upper:**	Not determined.
· **Flash point:**	Not applicable, as aerosol.
· **Decomposition temperature:**	Not determined.
· **pH at 20 °C**	11
· **Viscosity:**	
· **Kinematic viscosity**	Not determined.
· **Dynamic:**	Not determined.
· **Solubility**	
· **water:**	Fully miscible.
· **Partition coefficient n-octanol/water (log value)**	Not determined.
· **Vapour pressure at 20 °C:**	23 hPa
· **Density and/or relative density**	
· **Density:**	Not determined.
· **Relative density**	Not determined.
· **Vapour density**	Not determined.

(Contd. on page 6)

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

Printing date 11.07.2022 Version: 4 (replaces version 3) Revision: 11.07.2022

Trade name: ZEPVENTURE ORIGINAL AERO

(Contd. of page 5)

· **9.2 Other information**	
· **Appearance:**	
· **Form:**	Aerosol
· **Important information on protection of health and environment, and on safety.**	
· **Auto-ignition temperature:**	Product is not selfigniting.
· **Explosive properties:**	Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
· **Solvent content:**	
· **Organic solvents:**	7.7 %
· **EU-VOC:**	568.8 g/l
· **EU-VOC**	0.00 %
· **Swiss VOC:**	9.80 %
· **Solids content:**	4.3 %
· **Change in condition**	
· **Evaporation rate**	Not applicable.

· **Information with regard to physical hazard classes**	
· **Explosives**	Void
· **Flammable gases**	Void
· **Aerosols**	
Pressurised container: May burst if heated.	
· **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
· **Desensitised explosives**	Void

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **10.3 Possibility of hazardous reactions** No dangerous reactions known.
· **10.4 Conditions to avoid** No further relevant information available.
· **10.5 Incompatible materials:** No further relevant information available.
· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)

Oral	LD50	36,153 mg/kg
Inhalative	LC50 / 4 h	107 mg/l (Rat)

CAS: 34590-94-8 (2-methoxymethylethoxy)propanol

Oral	LD50	mg/kg (Rat)
Dermal	LD50	mg/kg (Rabbit)
	LC50 / 48 h	1.919 mg/ltr (Daphnia magna (water flea))

(Contd. on page 7)

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

Trade name: ZEPVENTURE ORIGINAL AERO

(Contd. of page 6)

CAS: 5131-66-8 1-butoxypropan-2-ol		
Oral	LD50	3,300 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
	EC 50 / 96 h (static)	>1,000 mg/ltr (Selenastrum capricornutum (Algae))
CAS: 64-02-8 tetrasodium ethylenediaminetetraacetate		
Oral	LD50	1,780 mg/kg
Inhalative	LC50 / 4 h	2 mg/l (Rat)
CAS: 68131-39-5 Alcohols, C12-15, ethoxylated		
Oral	LD50	1,700 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
CAS: 7173-51-5 didecyldimethylammonium chloride		
Oral	LD50	264 mg/kg (Rat) OECD Guideline 401
Dermal	LD50	3,342 mg/kg (Rabbit)
	EC 50 / 96 h	0.026 mg/ltr (-) OECD TG 201
CAS: 141-43-5 2-aminoethanol		
Oral	LD50	1,809 mg/kg (Rat)
Dermal	LD50	1,018 mg/kg (Rabbit)
	LC50 / 48 h	>200 mg/ltr (Lepomus gobbosus (Zonnebaars))

· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
· **Serious eye damage/irritation**
Causes serious eye damage.
· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
· **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.
· **STOT-single exposure** Based on available data, the classification criteria are not met.
· **STOT-repeated exposure** Based on available data, the classification criteria are not met.
· **Aspiration hazard** Based on available data, the classification criteria are not met.
· **11.2 Information on other hazards**

· **Endocrine disrupting properties**		
CAS: 118-58-1	benzyl salicylate	List II
CAS: 80-54-6	2-(4-tert-butylbenzyl) propionaldehyde	List II

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SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**	
CAS: 34590-94-8 (2-methoxymethylethoxy)propanol	
LC50 / 96 h	>10,000 mg/ltr (Pimephales promelas)
EC 50 / 72 H	1,000 (Selenastrum capricornutum (Algae))
CAS: 5131-66-8 1-butoxypropan-2-ol	
LC50 / 96 h (static)	560-1,000 mg/ltr (fish) (Poecilia reticulata)
EC 50 / 48 h (static)	>1,000 mg/ltr (Daphnia magna (water flea))
OECD test 301 E	90 (biodegradation in % after 28 days)
CAS: 64-02-8 tetrasodium ethylenediaminetetraacetate	
LC50 / 96 h	>1,000 mg/ltr (Lepomis Macrochirus (Bluegill Sunfish)) 33-189 mg/ltr (fish)
EC 50 / 48 h	140 mg/ltr (Daphnia magna (water flea))
EC 50 / 72 H	>300 (Desmodesmus subspicatus) (mg/L)
CAS: 7173-51-5 didecyldimethylammonium chloride	
LC50 / 96 h	0.5 mg/ltr (Oncorhynchus mykiss (Rainbow trout)) OECD guidence 203

(Contd. on page 8)

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

Printing date 11.07.2022 *Version: 4 (replaces version 3)* *Revision: 11.07.2022*

Trade name: ZEPVENTURE ORIGINAL AERO

(Contd. of page 7)

	0.19 mg/ltr (Pimephales promelas)
EC 50 / 48 h	*0.062 mg/ltr (Daphnia magna (water flea))* *Method: US-EPA-FIFRA*
OECD test 301 A	*90 (biodegradation in % after 28 days)* *Method: OECD 301 A*
OECD test 301 B	*72 (biodegradation in % after 28 days)* *Guideline:OECD 301 B*
OECD test 302 B	*87-94 (biodegradation in % after 28 days)* *Test method: OECD 302 B*
CAS: 141-43-5 2-aminoethanol	
EC 50 / 48 h	*>100 mg/ltr (Daphnia magna (water flea))*

· ***12.2 Persistence and degradability*** *No further relevant information available.*
· ***12.3 Bioaccumulative potential*** *No further relevant information available.*
· ***12.4 Mobility in soil*** *No further relevant information available.*
· ***12.5 Results of PBT and vPvB assessment***
· ***PBT:*** *Not applicable.*
· ***vPvB:*** *Not applicable.*
· ***12.6 Endocrine disrupting properties*** *For information on endocrine disrupting properties see section 11.*
· ***12.7 Other adverse effects***
· ***Additional ecological information:***
· ***General notes:***
Danger to drinking water if even small quantities leak into the ground.
Do not allow product to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.

SECTION 13: Disposal considerations

· ***13.1 Waste treatment methods***
· ***Recommendation*** *Disposal must be made according to official regulations*

· ***Uncleaned packaging:***
· ***Recommendation:*** *Disposal in accordance with administrative provisions*

SECTION 14: Transport information

· ***14.1 UN number or ID number***
· ***ADR, IMDG, IATA*** *UN1950*

· ***14.2 UN proper shipping name***
· ***ADR*** *1950 AEROSOLS*
· ***IMDG*** *AEROSOLS*
· ***IATA*** *AEROSOLS, non-flammable*

· ***14.3 Transport hazard class(es)***

· ***ADR***

· ***Class*** *2 5A Gases.*
· ***Label*** *2.2*

· ***IMDG, IATA***

· ***Class*** *2.2 Gases.*
· ***Label*** *2.2*

(Contd. on page 9)

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

Printing date 11.07.2022 *Version: 4 (replaces version 3)* *Revision: 11.07.2022*

Trade name: ZEPVENTURE ORIGINAL AERO

(Contd. of page 8)

· **14.4 Packing group**	
· **ADR, IMDG, IATA**	Void
· **14.5 Environmental hazards:**	
· **Marine pollutant:**	No
· **14.6 Special precautions for user**	Warning: Gases.
· **Hazard identification number (Kemler code):**	-
· **EMS Number:**	F-D,S-U
· **Stowage Code**	SW1 Protected from sources of heat. SW2 Clear of living quarters.
· **Segregation Code**	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· **14.7 Maritime transport in bulk according to IMO instruments**	Not applicable.
· **Transport/Additional information:**	
· **ADR**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E0 Not permitted as Excepted Quantity
· **Transport category**	3
· **Tunnel restriction code**	E
· **IMDG**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E0 Not permitted as Excepted Quantity
· **UN "Model Regulation":**	UN 1950 AEROSOLS, 2.2

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SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
Reg . (EC) n. 1272/2008 - CLP;
Reg. (EC) n. 2020/878 annex II of REACH;
Dir. 06/08 ADR – RID - IMDG - IATA;
Dir. 12/18 (Seveso III);
Dir. 2008/98/CE and Reg. (EC) n.1357/2014 (Waste management)
· **Labelling according to Regulation (EC) No 1272/2008** The product is classified and labelled according to the CLP regulation.
· **Hazard pictograms**

GHS05

· **Signal word** Danger

· **Hazard-determining components of labelling:**
tetrasodium ethylenediaminetetraacetate
Alcohols, C12-15, ethoxylated
· **Hazard statements**
H229 Pressurised container: May burst if heated.
H318 Causes serious eye damage.
· **Precautionary statements**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251 Do not pierce or burn, even after use.
P280 Wear eye protection / face protection.

(Contd. on page 10)

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

Trade name: ZEPVENTURE ORIGINAL AERO

(Contd. of page 9)

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **Regulation (EU) No 649/2012**

CAS: 7173-51-5	didecyldimethylammonium chloride	Annex I Part 1

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**
None of the ingredients is listed.

· **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.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**
None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**
None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**
None of the ingredients is listed.

· **National regulations:**

· **Technical instructions (air):**

Class	Share in %
NK	7.8

· **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**
H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

· **Department issuing SDS:**
Customer Service
NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710
B: Tel: +32 2 347 0117 Fax: +32 2 347 1395
IT: Tel: +39 069 266 91Fax: +39 06.927 470 61
UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011
· **Contact:**
Customer Service
NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710
B: Tel: +32 2 347 0117 Fax: +32 2 347 1395
IT: Tel: +39 069 266 91Fax: +39 06.927 470 61
UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

(Contd. on page 11)

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

Printing date 11.07.2022 *Version: 4 (replaces version 3)* *Revision: 11.07.2022*

Trade name: ZEPVENTURE ORIGINAL AERO

(Contd. of page 10)

· ***Date of previous version:*** *19.04.2022*
· ***Version number of previous version:*** *3*
· ***Abbreviations and acronyms:***
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised 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)
VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
WELL: The highest acceptable concentration
IOELV: Indicative occupational exposure limit values
Flam. Gas 1A: Flammable gases – Category 1A
Aerosol 3: Aerosols – Category 3
Press. Gas (Comp.): Gases under pressure – Compressed gas
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
· **** Data compared to the previous version altered.***

(Contd. on page 12)

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

Printing date 11.07.2022 *Version: 4 (replaces version 3)* *Revision: 11.07.2022*

Trade name: ZEPVENTURE ORIGINAL AERO

(Contd. of page 11)

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Annex: Exposure scenario

· ***Short title of the exposure scenario*** *For the finished product.*
· ***Sector of Use*** *SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)*
· ***Product category*** *PC35 Washing and cleaning products (including solvent based products)*
· ***Process category*** *PROC11 Non industrial spraying*
· ***Description of the activities / processes covered in the Exposure Scenario*** *See section 1 of the annex to the Safety Data Sheet.*
· ***Conditions of use***
· ***Duration and frequency*** *5 workdays/week.*
· ***Worker*** *Regular use with exposure up to 1 hr. per workday.*
· ***Physical parameters***
· ***Physical state*** *Aerosol*
· ***Concentration of the substance in the mixture*** *The substance is main component.*
· ***Used amount per time or activity*** *According to directions for use.*
· ***Other operational conditions***
· ***Other operational conditions affecting environmental exposure*** *Use only on hard ground.*
· ***Other operational conditions affecting worker exposure***
Avoid contact with the skin and eyes.
Handle and open container with care.
Take precautionary measures against static discharge.
Keep away from sources of ignition - No smoking.
· ***Other operational conditions affecting consumer exposure*** *Keep out of the reach of children.*
· ***Other operational conditions affecting consumer exposure during the use of the product*** *Not applicable.*
· ***Risk management measures***
· ***Worker protection***
· ***Organisational protective measures***
Consider section 4 of the Safety Data Sheet (First aid measures).
Avoid contact with drinking water and / or food during application.
Keep away from food, beverages and animal feed.
Provide sufficient washing facilities.
· ***Technical protective measures***
Ensure that suitable extractors are available on processing machines
Provide explosion-proof electrical equipment.
Use product only in enclosed systems.
· ***Personal protective measures***
The usual precautionary measures are to be adhered to when handling chemicals.
Avoid contact with the eyes and skin.
Avoid contact with the eyes.
Tightly sealed goggles
· ***Measures for consumer protection***
Ensure adequate labelling.
Keep locked up and out of the reach of children.
· ***Environmental protection measures***
· ***Air*** *No special measures required.*
· ***Water***
No special measures required.
Generally, prior to the introduction of wastewater into wastewater treatment plants a neutralisation is required.
Do not allow to reach sewage system.
· ***Soil*** *Prevent contamination of soil.*
· ***Disposal measures***
Disposal in accordance with administrative provisions
Ensure that waste is collected and contained.
· ***Disposal procedures***
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Dispose of product residues with household waste.
· ***Waste type*** *Partially emptied and uncleaned packaging*
· ***Exposure estimation***
· ***Consumer*** *Not relevant for this Exposure Scenario.*
· ***Guidance for downstream users*** *No further relevant information available.*