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

· **1.1 Product identifier**

· **Trade name: CCL Zincprimer 500ml**

· **Article number:** 101056, 10006
· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
· **Sector of Use**
SU21 Consumer uses: Private households / general public / consumers
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
· **Product category** PC9a Coatings and paints, thinners, paint removers
· **Process category**
PROC7 Industrial spraying
PROC11 Non industrial spraying
· **Application of the substance / the mixture** Lacquer

· **1.3 Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
CCL Europe B.V.
De Run 4429,
5503 LS Veldhoven
Netherlands
Tel: +31 (0)40 7820005
e-mail: info@ccl-europe.nl

· **Further information obtainable from:** Department Product Safety
· **1.4 Emergency telephone number:** Tel: +31 (0)40 7820005 (9:00h - 17:00h)

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**


flame

Aerosol 1	H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.


health hazard

STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure.


environment

Aquatic Acute 1	H400	Very toxic to aquatic life.
Aquatic Chronic 1	H410	Very toxic to aquatic life with long lasting effects.

Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H336	May cause drowsiness or dizziness.

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· ***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 GHS07 GHS08 GHS09

· ***Signal word*** *Danger*

· ***Hazard-determining components of labelling:***
acetone
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
butanone
· ***Hazard statements***
H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H410 Very toxic 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.
P260 Do not breathe spray.
P280 Wear protective gloves / eye protection.
P284 In case of inadequate ventilation wear respiratory protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P312 Call a POISON CENTER/doctor if you feel unwell.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents / container in accordance with regional regulations.
· ***Additional information:***
EUH066 Repeated exposure may cause skin dryness or cracking.
Buildup of explosive mixtures possible without sufficient ventilation.
· ***2.3 Other hazards***
· ***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: 7440-66-6 *EINECS: 231-175-3* *Index number: 030-001-01-9* *Reg.nr.: 01-2119467174-37*	*zinc powder -zinc dust (stabilized)* *Aquatic Acute 1, H400; Aquatic Chronic 1, H410*	*25-<50%*

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CAS: 67-64-1 *EINECS: 200-662-2* *Index number: 606-001-00-8* *Reg.nr.: 01-2119471330-49*	*acetone* *Flam. Liq. 2, H225* *Eye Irrit. 2, H319; STOT SE 3, H336* *EUH066*	*20-<25%*
CAS: 74-98-6 *EINECS: 200-827-9* *Index number: 601-003-00-5* *Reg.nr.: 01-2119486944-21*	*propane* *Flam. Gas 1A, H220* *Press. Gas (Comp.), H280*	*10-<12.5%*
CAS: 106-97-8 *EINECS: 203-448-7* *Index number: 601-004-00-0* *Reg.nr.: 01-2119474691-32*	*butane (containing < 0,1 % butadiene (203-450-8))* *Flam. Gas 1A, H220* *Press. Gas (Comp.), H280*	*5-<10%*
EC number: 905-588-0 *Index number: 601-022-00-9* *Reg.nr.: 01-2119488216-32*	*xylene* *Flam. Liq. 3, H226* *STOT RE 2, H373; Asp. Tox. 1, H304* *Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335*	*5-<10%*
CAS: 78-93-3 *EINECS: 201-159-0* *Index number: 606-002-00-3* *Reg.nr.: 01-2119457290-43*	*butanone* *Flam. Liq. 2, H225* *Eye Irrit. 2, H319; STOT SE 3, H336* *EUH066*	*2.5-<5%*
CAS: 75-28-5 *EINECS: 200-857-2* *Index number: 601-004-00-0* *Reg.nr.: 01-2119485395-27*	*isobutane (containing < 0,1 % butadiene (203-450-8))* *Flam. Gas 1A, H220* *Press. Gas (Comp.), H280*	*2.5-<5%*
CAS: 1314-13-2 *EINECS: 215-222-5* *Index number: 030-013-00-7* *Reg.nr.: 01-2119463881-32*	*zinc oxide* *Aquatic Acute 1, H400; Aquatic Chronic 1, H410*	*<2.5%*
EC number: 919-446-0 *Index number: 649-330-00-2* *Reg.nr.: 01-2119458049-33*	*Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)* *Flam. Liq. 3, H226* *STOT RE 1, H372; Asp. Tox. 1, H304* *Aquatic Chronic 2, H411* *STOT SE 3, H336*	*<2.5%*

· ***Additional information:***
The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex 1A 1272/2008 EU), so the classification as carcinogen need not to apply.
xylene: Contains ethylbenzene CAS 100-41-4
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:***
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
· ***After inhalation:*** *Supply fresh air; consult doctor in case of complaints.*
· ***After skin contact:*** *Immediately wash with water and soap and rinse thoroughly.*
· ***After eye contact:***
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· ***After swallowing:*** *Drink plenty of water and provide fresh air. Call for a doctor immediately.*
· ***4.2 Most important symptoms and effects, both acute and delayed*** *No further relevant information available.*

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· **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:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
· **5.2 Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
· **5.3 Advice for firefighters** -
· **Protective equipment:** Mouth respiratory protective device.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
· **6.2 Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
· **6.3 Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 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** Ensure good ventilation/exhaustion at the workplace.
· **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Keep respiratory protective device available.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
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 container tightly sealed.
· **Storage class:** 2 B
· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**	
67-64-1 acetone	
WEL	Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm

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106-97-8 butane (containing < 0,1 % butadiene (203-450-8))	
WEL	*Short-term value: 1810 mg/m³, 750 ppm* *Long-term value: 1450 mg/m³, 600 ppm* *Carc (if more than 0.1% of buta-1.3-diene)*

xylene	
WEL	*Short-term value: 441 mg/m³, 100 ppm* *Long-term value: 220 mg/m³, 50 ppm* *Sk; BMGV*

78-93-3 butanone	
WEL	*Short-term value: 899 mg/m³, 300 ppm* *Long-term value: 600 mg/m³, 200 ppm* *Sk, BMGV*

· ***DNELs***

67-64-1 acetone		
Oral	*DNEL*	*62 mg/kg /per day (Consumer, longterm systemic)*
Dermal	*DNEL*	*62 mg/kg /per day (Consumer, longterm systemic)*
	DNEL	*186 mg/kg /per day (Worker, longterm systemic)*
Inhalative	*DNEL*	*2420 mg/m3 (Worker, acute local)*
	DNEL	*1210 mg/m3 (Worker, longterm systemic)*
	DNEL	*200 mg/m3 (Consumer, longterm systemic)*
	DNEL	*60 mg/m3*

xylene		
Oral	*DNEL*	*1.6 mg/kg /per day (Consumer, longterm systemic)*
Dermal	*DNEL*	*180 mg/kg /per day (Worker, longterm systemic)*
Inhalative	*DNEL*	*211 mg/m3 (Worker, longterm systemic)*
	DNEL	*221 mg/m3 (Worker, longterm local)*
	DNEL	*442 mg/m3 (Worker, acute systemic)*
	DNEL	*289 mg/m3 (Worker, acute local)*
	DNEL	*14.8 mg/m3 (Consumer, longterm systemic)*
	DNEL	*260 mg/m3 (Consumer; acute systemic)*
	DNEL	*65.3 mg/m3 (Consumer, longterm local)*
	DNEL	*260 mg/m3 (Consumer, acute local)*

78-93-3 butanone		
Oral	*DNEL*	*31 mg/kg /per day (Consumer, longterm systemic)*
Dermal	*DNEL*	*1161 mg/kg /per day (Worker, longterm systemic)*
	DNEL	*412 mg/kg /per day (Consumer, longterm systemic)*
Inhalative	*DNEL*	*600 mg/m3 (Worker, longterm systemic)*
	DNEL	*106 mg/m3 (Consumer, longterm systemic)*

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		
Oral	*DNEL*	*26 mg/kg /per day (Consumer, longterm systemic)*
Dermal	*DNEL*	*44 mg/kg /per day (Worker, longterm systemic)*
	DNEL	*26 mg/kg (Consumer, longterm systemic)*
Inhalative	*DNEL*	*330 mg/m3 (Worker, longterm systemic)*
	DNEL	*71 mg/m3 (Consumer, longterm systemic)*

· ***PNECs***

67-64-1 acetone	
PNEC	*10.6 mg/l (Freshwater)*

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PNEC	*1.06 mg/l (Seawater)*
PNEC	*21 mg/l (Sporadic release)*
PNEC	*100 mg/l (Sewage treatment plant)*
PNEC	*30.4 mg/kg (Freshwater sediment)*
PNEC	*3.04 mg/kg (Seawater sediment)*
PNEC	*29.5 mg/kg (Soil)*
78-93-3 butanone	
PNEC	*55.8 mg/l (Freshwater)*
PNEC	*55.8 mg/l (Seawater)*
PNEC	*55.8 mg/l (Sporadic release)*
PNEC	*709 mg/l (Sewage treatment plant)*
PNEC	*284.7 mg/kg (Freshwater sediment)*
PNEC	*284.7 mg/kg (Seawater sediment)*

· ***Ingredients with biological limit values:***

xylene	
BMGV	*650 mmol/mol creatinine* *Medium: urine* *Sampling time: post shift* *Parameter: methyl hippuric acid*
78-93-3 butanone	
BMGV	*70 µmol/L* *Medium: urine* *Sampling time: post shift* *Parameter: butan-2-one*

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

· ***8.2 Exposure controls***
· ***Appropriate engineering controls*** *No further data; see section 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.
Store protective clothing separately.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.
Avoid contact with the eyes.
· ***Respiratory protection:***

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P3
· ***Hand protection***

Protective gloves

· ***Material of gloves***
Butyl rubber, BR
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.

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· **Penetration time of glove material**
Butyl rubber gloves with a thickness of 0.4 mm are resistant to:
Acetone: 480 min
Butyl acetate: 60 min
Ethyl acetate: 170 min
Xylene: 42 min
Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance length of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases.
· **Eye/face protection**

Tightly sealed goggles

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**	
· **General Information**	
· **Physical state**	Aerosol
· **Colour:**	According to product specification
· **Odour:**	Characteristic
· **Odour threshold:**	Not determined.
· **Melting point/freezing point:**	Undetermined.
· **Boiling point or initial boiling point and boiling range**	Not applicable, as aerosol.
· **Flammability**	Not applicable.
· **Lower and upper explosion limit**	
· **Lower:**	1.7 Vol % (74-98-6 propane)
· **Upper:**	13 Vol % (67-64-1 acetone)
· **Flash point:**	Not applicable, as aerosol.
· **Auto-ignition temperature:**	365 °C (689 °F) (106-97-8 butane (containing < 0,1 % butadiene (203-450-8)))
· **Decomposition temperature:**	Not determined.
· **pH**	Mixture is non-soluble (in water).
· **Viscosity:**	
· **Kinematic viscosity**	Not determined.
· **Dynamic:**	Not determined.
· **Solubility**	
· **water:**	Not miscible or difficult to mix.
· **Partition coefficient n-octanol/water (log value)**	Not determined.
· **Vapour pressure at 20 °C (68 °F):**	8300 hPa (6225.5 mm Hg) (74-98-6 propane)
· **Vapour pressure at 50 °C (122 °F):**	16500 hPa (12376 mm Hg)
· **Density and/or relative density**	
· **Density at 20 °C (68 °F):**	1.1 g/cm³ (9.2 lbs/gal)
· **Relative density**	Not determined.
· **Vapour density**	Not determined.

· **9.2 Other information**	
· **Appearance:**	
· **Form:**	Aerosol
· **Important information on protection of health and environment, and on safety.**	
· **Explosive properties:**	Not determined.

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· **Solvent content:**	
· **Organic solvents:**	57.3 %
· **VOC (EC)**	--- 629.9 g/l
· **VOC-EU%**	57.27 %
· **Solids content:**	42.7 %
· **Change in condition**	
· **Evaporation rate**	Not applicable.

· **Information with regard to physical hazard classes**	
· **Explosives**	Void
· **Flammable gases**	Void
· **Aerosols**	Extremely flammable aerosol. 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.

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:**		
7440-66-6 zinc powder -zinc dust (stabilized)		
Oral	LD50	>2000 mg/kg (rat) (OECD 401)
Inhalative	LC50 / 4 h	>5410 mg/m3 (rat) (OECD 403)
67-64-1 acetone		
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)

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xylene		
Oral	*LD50*	*3523 mg/kg (rat)*
Dermal	*LD50*	*2000 mg/kg (rabbit)*
Inhalative	*LC50 / 4 h*	*29000 mg/m3 (rat)*
78-93-3 butanone		
Oral	*LD50*	*>2193 mg/kg (rat)*
Dermal	*LD50*	*>5000 mg/kg (rabbit)*
Inhalative	*LC50 / 4 h*	*34 mg/m3 (rat)*
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		
Oral	*LD50*	*>5000 mg/kg (rat) (OECD 401)*
Dermal	*LD50*	*>2000 mg/kg (rab) (OECD 402)*
Inhalative	*LC50 / 4 h*	*>8200 mg/m3 (rat)*
	LC50 / 48 h	*16 mg/l (daphnia magna)*

· ***Skin corrosion/irritation*** *No irritant effect.*
· ***Serious eye damage/irritation*** *Causes serious eye irritation.*
· ***Respiratory or skin sensitisation*** *No sensitising effects known.*
· ***STOT-single exposure*** *May cause drowsiness or dizziness.*
· ***STOT-repeated exposure*** *May cause damage to organs through prolonged or repeated exposure.*
· ***11.2 Information on other hazards***

· ***Endocrine disrupting properties***		
78-93-3	*butanone*	*List II*

SECTION 12: Ecological information

· ***12.1 Toxicity***

· ***Aquatic toxicity:***	
67-64-1 acetone	
LC50/96h	*8300 mg/l (fish)*
EC50/96h	*7200 mg/l (algae)*
LC50 / 48 h	*8450 mg/l (crustacean (water flea))*
xylene	
EC50 / 48 h	*7.4 mg/l (daphnia magna)*
LC50 / 96 h	*13.5 mg/l (fish)*
78-93-3 butanone	
LC50 / 48 h	*308 mg/l (daphnia magna)*
LC50 / 72 h	*1972 mg/l (Pseudokirchneriella Subcapitata)*
LC50 / 96 h	*2990 mg/l (fish)*
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	
LC50 / 72 h	*7 mg/l (Pseudokirchneriella subcapitata)*
LC50 / 96 h	*20 mg/l (Regenbogenforelle)*

· ***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***
· ***Remark:*** *Very toxic for fish*

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· ***Additional ecological information:***
· ***General notes:***
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Very toxic for aquatic organisms

SECTION 13: Disposal considerations

· ***13.1 Waste treatment methods***
· ***Recommendation***
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· ***Uncleaned packaging:***
· ***Recommendation:***
Disposal must be made according to official regulations.
Disposal must be made according to official regulations.

SECTION 14: Transport information

· ***14.1 UN number or ID number***	
· ***ADR, IMDG, IATA***	*UN1950*
· ***14.2 UN proper shipping name***	
· ***ADR***	*1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS*
· ***IMDG***	*AEROSOLS, MARINE POLLUTANT*
· ***IATA***	*AEROSOLS, flammable*
· ***14.3 Transport hazard class(es)***	
· ***ADR***	
· ***Class***	*2 5F Gases.*
· ***Label***	*2.1*
· ***IMDG, IATA***	
· ***Class***	*2.1 Gases.*
· ***Label***	*2.1*
· ***14.4 Packing group***	
· ***ADR, IMDG, IATA***	*not regulated*
· ***14.5 Environmental hazards:***	
· ***Special marking (ADR):***	*Symbol (fish and tree)*
· ***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.* *SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category*

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·	C, 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**	2
· **Tunnel restriction code**	D
· **IMDG**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E0 Not permitted as Excepted Quantity
· **UN "Model Regulation":**	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **Seveso category**
E1 Hazardous to the Aquatic Environment
P3a FLAMMABLE AEROSOLS
· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 100 t
· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t
· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not 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.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

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

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H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.

· ***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)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Gas 1A: Flammable gases – Category 1A
Aerosol 1: Aerosols – Category 1
Press. Gas (Comp.): Gases under pressure – Compressed gas
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2