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

· **1.1 Product identifier**

· **Trade name: CCL Zinc Alu glans 500ml**

· **Article number:** 101054, 10004
· **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**
Priming
Anticorrosion additive

· **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)

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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.

environment

Aquatic Chronic 2 H411 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.

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

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· ***Hazard pictograms***

GHS02 GHS07 GHS09

· ***Signal word*** *Danger*

· ***Hazard-determining components of labelling:***
acetone
Hydrocarbons, C9, aromatics
· ***Hazard statements***
H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 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.
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: 115-10-6 *EINECS: 204-065-8* *Index number: 603-019-00-8* *Reg.nr.: 01-2119472128-37*	*dimethyl ether* *Flam. Gas 1A, H220* *Press. Gas (Comp.), H280*	*25-<50%*
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: 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*	*5-<10%*
EC number: 918-668-5 *Reg.nr.: 01-2119455851-35*	*Hydrocarbons, C9, aromatics* *Flam. Liq. 3, H226* *Asp. Tox. 1, H304* *Aquatic Chronic 2, H411* *STOT SE 3, H335-H336* *EUH066*	*5-<10%*

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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*	*2.5-<5%*
CAS: 7429-90-5 *EINECS: 231-072-3* *Index number: 013-002-00-1* *Reg.nr.: 01-2119529243-45*	*aluminium powder (stabilised)* *Flam. Sol. 1, H228; Water-react. 2, H261*	*2.5-<5%*
CAS: 64742-48-9 *EINECS: 265-150-3* *Index number: 649-327-00-6* *Reg.nr.: 01-2119486659-16*	*Naphtha (petroleum), hydrotreated heavy* *Asp. Tox. 1, H304*	*<2.5%*
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*	*≤0.5%*

· ***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:*** *Take affected persons out into the fresh air.*
· ***After inhalation:*** *Supply fresh air; consult doctor in case of complaints.*
· ***After skin contact:*** *Generally the product does not irritate the skin.*
· ***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.*
· ***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:***
Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.
Mouth respiratory protective device.

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SECTION 6: Accidental release measures

· ***6.1 Personal precautions, protective equipment and emergency procedures***
Ensure adequate ventilation
Mount respiratory protective device.

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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**
Keep away from heat and direct sunlight.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
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:**	
115-10-6 dimethyl ether	
WEL	Short-term value: 958 mg/m³, 500 ppm Long-term value: 766 mg/m³, 400 ppm
67-64-1 acetone	
WEL	Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm
xylene	
WEL	Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV
7429-90-5 aluminium powder (stabilised)	
WEL	Long-term value: 10* 4** mg/m³ *inhalable dust ** respirable dust

· **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)

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	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
Hydrocarbons, C9, aromatics		
Oral	DNEL	11 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL	25 mg/kg /per day (Worker, longterm systemic)
	DNEL	11 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL	150 mg/m3 (Worker, longterm systemic)
	DNEL	32 mg/m3 (Consumer, longterm systemic)
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)
64742-48-9 Naphtha (petroleum), hydrotreated heavy		
Oral	DNEL	125 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL	208 mg/kg /per day (Worker, longterm systemic)
	DNEL	125 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL	871 mg/m3 (Worker, longterm systemic)
	DNEL	185 mg/m3 (Consumer, longterm systemic)

· **PNECs**

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

· **Ingredients with biological limit values:**

xylene	
BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid

· **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.

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· ***Individual protection measures, such as personal protective equipment***
· ***General protective and hygienic measures:***
Do not eat, drink, smoke or sniff while working.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
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.
· ***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

· ***Body protection:*** *Light weight protective clothing*

*
SECTION 9: Physical and chemical properties

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

· ***Physical state***	*Aerosol*
· ***Colour:***	*Light grey*
· ***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:***	*2.6 Vol % (67-64-1 acetone)*

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· **Upper:**	26.2 Vol % (115-10-6 dimethyl ether)
· **Flash point:**	Not applicable, as aerosol.
· **Auto-ignition temperature:**	240 °C (464 °F) (115-10-6 dimethyl ether)
· **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):**	4000 hPa (3000.2 mm Hg) (115-10-6 dimethyl ether)
· **Density and/or relative density**	
· **Density at 20 °C (68 °F):**	0.8 g/cm³ (6.7 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.
· **Solvent content:**	
· **Organic solvents:**	81.4 %
· **VOC (EC)**	--- 643.5 g/l
· **VOC-EU%**	86.60 %
· **Solids content:**	18.5 %
· **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.

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· **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:**		
67-64-1 acetone		
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)
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)
Hydrocarbons, C9, aromatics		
Oral	LD50	>5000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2000 mg/kg (rab) (OECD 402)
xylene		
Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	29000 mg/m3 (rat)
64742-48-9 Naphtha (petroleum), hydrotreated heavy		
Oral	LD50	>5000 mg/kg /per day (rat) (OECD 401)
Dermal	LD50	>2000 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4 h	>5000 mg/m3 (rat) (OECD 403)

· **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.
· **11.2 Information on other hazards**

· **Endocrine disrupting properties**		
128-37-0	Butylated hydroxytoluene	List II

*
SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**	
115-10-6 dimethyl ether	
EC50 / 96 h	155 mg/l (algae)
LC50 / 48 h	>4000 mg/l (daphnia magna)
LC50 / 96 h	>4000 mg/l (fish)
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))

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Hydrocarbons, C9, aromatics	
EC50 / 48 h	302 mg/l (daphnia magna)
EC50 / 72 h	2.75 mg/l (Pseudokirchneriella subcapitata)
EC50 / 96 h	9.2 mg/l (Regenbogenforelle)
xylene	
EC50 / 48 h	7.4 mg/l (daphnia magna)
LC50 / 96 h	13.5 mg/l (fish)

· **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:** Toxic for fish
· **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.
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:**
Dispose of packaging according to regulations on the disposal of packagings.
Non contaminated packagings may be recycled.

*
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
· **IATA**	AEROSOLS, flammable
· **14.3 Transport hazard class(es)**	

· **ADR**

· **Class**	2 5F Gases.

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· **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:**	
· **Marine pollutant:**	Yes
· **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 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.

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· ***Seveso category***
P3a FLAMMABLE AEROSOLS
E2 Hazardous to the Aquatic Environment
· ***Qualifying quantity (tonnes) for the application of lower-tier requirements*** *150 t*
· ***Qualifying quantity (tonnes) for the application of upper-tier requirements*** *500 t*

· ***National regulations:***

· ***Information about limitation of use:*** *Employment restrictions concerning juveniles must be observed.*
· ***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.
H228 Flammable solid.
H261 In contact with water releases flammable gases.
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.
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:***
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
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
Flam. Sol. 1: Flammable solids – Category 1
Water-react. 2: Substances and mixtures which in contact with water emit flammable gases – Category 2
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

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

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Trade name: CCL Zinc Alu glans 500ml

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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
· **** Data compared to the previous version altered.***