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	Safety data sheet	
SECTION 1. Identification of t	he substance/mixture and of the com	pany/undertaking
1.1. Product identifier		
Code:	Z350	
Product name	Zinco Chiaro	
Chemical name and synonym	protettivo Zincante	
	ance or mixture and uses advised against tive	
	tive lata sheet GNOCCHI ECO- SPRAY S.R.L. Via per Pavone del Mella sn 25020 Cigole (BS)	
Intended use Zinc protect <b>1.3. Details of the supplier of the safety of</b> Name Full address	tive lata sheet GNOCCHI ECO- SPRAY S.R.L. Via per Pavone del Mella sn 25020 Cigole (BS) Italia	
Intended use Zinc protect <b>1.3. Details of the supplier of the safety of</b> Name Full address	tive lata sheet GNOCCHI ECO- SPRAY S.R.L. Via per Pavone del Mella sn 25020 Cigole (BS) Italia Tel. +39 030 9959674	
Intended use Zinc protect <b>1.3. Details of the supplier of the safety of</b> Name Full address District and Country	tive lata sheet GNOCCHI ECO- SPRAY S.R.L. Via per Pavone del Mella sn 25020 Cigole (BS) Italia	
Intended use Zinc protect <b>1.3. Details of the supplier of the safety of</b> Name Full address	tive lata sheet GNOCCHI ECO- SPRAY S.R.L. Via per Pavone del Mella sn 25020 Cigole (BS) Italia Tel. +39 030 9959674	
Intended use Zinc protect <b>1.3. Details of the supplier of the safety of</b> Name Full address District and Country	tive lata sheet GNOCCHI ECO- SPRAY S.R.L. Via per Pavone del Mella sn 25020 Cigole (BS) Italia Tel. +39 030 9959674	
Intended use Zinc protect <b>1.3. Details of the supplier of the safety of</b> Name Full address District and Country e-mail address of the competent person	tive GNOCCHI ECO- SPRAY S.R.L. Via per Pavone del Mella sn 25020 Cigole (BS) Italia Tel. +39 030 9959674 Fax +39 030 959265	a tel: +39 02 66101029
Intended use       Zinc protect         1.3. Details of the supplier of the safety of Name       Name         Full address       District and Country         e-mail address of the competent person       responsible for the Safety Data Sheet         1.4. Emergency telephone number	tive lata sheet GNOCCHI ECO- SPRAY S.R.L. Via per Pavone del Mella sn 25020 Cigole (BS) Italia Tel. +39 030 9959674 Fax +39 030 959265 info@gnocchiecospray.com	a tel: +39 02 66101029

## 2.1. Classification of the substance or mixture.

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:		
Aerosol, category 1	H222	Extremely flammable aerosol.
	H229	Pressurised container: may burst if heated.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Eye irritation, category 2	H319	Causes serious eye irritation.
Skin irritation, category 2	H315	Causes skin irritation.
Specific target organ toxicity - single exposure, category 3	H336	May cause drowsiness or dizziness.
Hazardous to the aquatic environment, acute toxicity, category 1	H400	Very toxic to aquatic life.
Hazardous to the aquatic environment, chronic toxicity, category 1	H410	Very toxic to aquatic life with long lasting effects.
	Aerosol, category 1 Aspiration hazard, category 1 Eye irritation, category 2 Skin irritation, category 2 Specific target organ toxicity - single exposure, category 3 Hazardous to the aquatic environment, acute toxicity, category 1 Hazardous to the aquatic environment, chronic toxicity,	Aerosol, category 1H222 H229Aspiration hazard, category 1H304Eye irritation, category 2H319Skin irritation, category 2H315Specific target organ toxicity - single exposure, category 3H336Hazardous to the aquatic environment, acute toxicity,H400category 1Hazardous to the aquatic environment, chronic toxicity,H410

## 2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

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<ul> <li></li> </ul>	! *				
Signal words:	Danger				
Hazard statements:					
H222Extremely flammable aerosol.H229Pressurised container: may burst if heated.H319Causes serious eye irritation.H315Causes skin irritation.H336May cause drowsiness or dizziness.H410Very toxic to aquatic life with long lasting effects.					
Precautionary statements:					
P210Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.P211Do not spray on an open flame or other ignition source.P251Do not pierce or burn, even after use.P264Wash thoroughly after handling.P280Wear protective gloves / eye protection / face protection.P301+P310IF SWALLOWED: immediately call a POISON CENTER / doctor /P304+P340IF INHALED: remove person to fresh air and keep comfortable for breathing.P410+P412Protect from sunlight. Do no expose to temperatures exceeding 50°C / 122°F.					
Contains:	NAPHTHA (PETROLEUM ACETONE	), HYDROTREA	TED LIGHT		
Statements on the aspiration toxicity classification were not included in the label elements, based on section 1.3.3. of Annex I to CLP.					
2.3. Other hazards.					
On the basis of available o	lata, the product does not cor	ntain any PBT or	vPvB in percentage greater than	0,1%.	
SECTION 3. Com	position/informatio	n on ingred	lients.		
3.1. Substances.					
Information not relevant.					
3.2. Mixtures.					
Contains:					
Identification.		Conc. %.	Classification 1272/2008 (CLP).		
<b>BUTANE</b> CAS. 106-97-8		22,5 - 24	Flam. Gas 1 H220, Note C	J	

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EC. 203-448-7			
INDEX. 601-004-00-0			
PROPANE			
CAS. 74-98-6	22,5 - 24	Flam. Gas 1 H220, Note U	
EC. 200-827-9			
INDEX. 601-003-00-5			
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT			
CAS. 64742-49-0	16,5 - 18	Flam. Liq. 2 H225, Asp. Tox. 1 H304, Skin Irrit. 2 H315, STOT SE 3 H336, Aquatic Chronic 2 H411, Note P	
EC. 265-151-9			
INDEX. 649-328-00-1			
Reg. no. 012119484561-34-xxxx			
ACETONE			
CAS. 67-64-1	15 - 16,5	Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066	
EC. 200-662-2			
INDEX. 606-001-00-8			
XYLENE (MIXTURE OF ISOMERS)			
CAS. 1330-20-7	8 - 9	Flam. Liq. 3 H226, Acute Tox. 4 H312, Acute Tox. 4 H332, Skin Irrit. 2 H315, Note C	
EC. 215-535-7			
INDEX. 601-022-00-9			
TALC			
CAS. 14807-96-6	8 - 9	Acute Tox. 4 H332, STOT SE 3 H335	
EC. 238-877-9			
INDEX			
ZINC POWDER - ZINC DUST (100% - metallic element)			
CAS. 7440-66-6	7 - 8	Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=10	
EC. 231-175-3			
INDEX. 030-001-01-9			

Note: Upper limit is not included into the range.

The full wording of hazard (H) phrases is given in section 16 of the sheet.

## **SECTION 4. First aid measures.**

#### 4.1. Description of first aid measures.

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately. INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

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

For symptoms and effects caused by the contained substances, see chap. 11.

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

Information not available.

## **SECTION 5. Firefighting measures.**

#### 5.1. Extinguishing media.

SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.

#### 5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE If overheated, aerosol cans can deform, explode and be propelled considerable distances. Put a protective helmet on before approaching the fire. Do not breathe combustion products.

#### 5.3. Advice for firefighters.

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## **SECTION 6.** Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. Send away individuals who are not suitably equipped. Wear protective gloves / protective clothing / eye protection / face protection.

#### 6.2. Environmental precautions.

Do not disperse in the environment.

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#### 6.3. Methods and material for containment and cleaning up.

Use inert absorbent material to soak up leaked product. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

## 6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

## **SECTION 7. Handling and storage.**

#### 7.1. Precautions for safe handling.

Avoid bunching of electrostatic charges. Do not spray on flames or incandescent bodies. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Do not eat, drink or smoke during use. Do not breathe spray.

#### 7.2. Conditions for safe storage, including any incompatibilities.

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C/122°F, away from any combustion sources.

#### 7.3. Specific end use(s).

Information not available.

## **SECTION 8. Exposure controls/personal protection.**

#### 8.1. Control parameters.

Regulatory References:

DEU ESP		MAK-und BAT-Werte-Liste 2012 INSHT - Límites de exposición profesional para agentes químicos en España 2015
FRA GRE		JORF n°0109 du 10 mai 2012 page 8773  texte n° 102 EH40/2005 Workplace exposure limits
ITA   POL	Italia Polska	Decreto Legislativo 9 Aprile 2008, n.81 ROZPORZADZENIE MINISTRA PRACY I POLITYKI SPOŁECZNEJ z dnia
		16 grudnia 2011r
EU	OEL EU	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC.
	TLV-ACGIH	ACGIH 2014

PROPANE					
Threshold Limit Value.					
Туре	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm

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AGW	DEU	1800	1000	7200	4000			
MAK	DEU	1800	1000	7200	4000			
NDS	POL	1800	1000	7200	4000			
TLV-ACGIH	FOL	1800	1000					
			1000					
BUTANE								
Threshold Limit Value. Type	Country	TWA/8h		STEL/15min				
туре	Country		nnm		nnm			
AGW	DEU	mg/m3	ppm	mg/m3	ppm 4000			
		2400	1000	9600				
MAK	DEU	2400	1000	9600	4000			
VLA	ESP		800					
VLEP	FRA	1900	800					
WEL	GRB	1450	600	1810	750			
NDS	POL	1900		3000				
TLV-ACGIH				2377	1000			
NAPHTHA (PETROLEUM) Threshold Limit Value.	, HYDROTREATE	ED LIGHT						
Type	Country	TWA/8h		STEL/15min				
		mg/m3	ppm	mg/m3	ppm			
OEL	EU			72				
Health - Derived no-effect	level - DNEL / D	MEL						
	Effects on				Effects on			
Route of exposure	consumers. Acute local	Acute systemic	Chronic local	Chronic	workers Acute local	Acute	Chronic local	Chronic
Oral.	1301 mg/kg/d	- 1301 mg/kg/d		systemic		systemic		systemic
Inhalation.	1301 1119/Kg/d	1301 119/кg/u	1137 mg/m3	1137 mg/m3			5306 mg/m3	5306 mg/m3
	4077	4077	1137 mg/m3	1137 119/113				
Skin.	1377 mg/kg/d	1377 mg/kg/d					13964 mg/kg/d	13964 mg/kg/d
ACETONE								
Threshold Limit Value.								
Туре	Country	TWA/8h		STEL/15min				
		mg/m3	ppm	mg/m3	ppm			
AGW	DEU	1200	500	2400	1000			
MAK	DEU	1200	500	2400	1000			
VLA	ESP	1210	500					
VLEP	FRA	1210	500	2420	1000			
WEL	GRB	1210	500	3620	1500			
TLV	ITA	1210	500					
NDS	POL	600		1800				
OEL	EU	1210	500					
TLV-ACGIH	20	1210	500	1781	750			
		1107	500	1701	100			
TALC								
TALC								
Threshold Limit Value.	Country	TWA/8h		STEL/15min				
	Country							
Threshold Limit Value.	ESP	mg/m3 2	ppm	mg/m3	ppm			

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WEL	GRB	1					
NDS	POL	1				RESP.	
TLV-ACGIH	102	2					
		-					
XYLENE (MIXTURE OF ISC Threshold Limit Value.	OMERS)						
Туре	Country	TWA/8h		STEL/15min			
		mg/m3	ppm	mg/m3	ppm		
AGW	DEU	440	100	880	200	SKIN.	
MAK	DEU	440	100	880	200	SKIN.	
VLA	ESP	221	50	442	100	SKIN.	
VLEP	FRA	221	50	442	100	SKIN.	
WEL	GRB	220	50	441	100		
TLV	ITA	221	50	442	100	SKIN.	
NDS	POL	100					
OEL	EU	221	50	442	100	SKIN.	
TLV-ACGIH		434	100	651	150		
ZINC POWDER - ZINC DU	ST						
Threshold Limit Value. Type	Country	TWA/8h		STEL/15min			
		mg/m3	ppm	mg/m3	ppm		
МАК	DEU	0,1		0,4		RESP.	
Legend:							
(C) = CEILING ; INHAL = Ir	nhalable Fractio	on ; RESP = F	Respirable Frac	tion ; THORA	= Thoracic Fra	ction.	
VND = hazard identified but n	o DNEL/PNEC	available ; N	EA = no expos	ure expected ;	NPI = no hazai	d identified.	
TLV of solvent mixture: 74	0 mg/m3.						
	-						
8.2. Exposure controls.							
As the use of adequate tech	nical equipmen	t must always t	ake priority ov	er personal prote	ctive equipmer	nt, make sure that the	workplace is well aired
through effective local aspirat							
Provide an emergency showe	r with face and	eve wash static	n				
r tovido un emergency chowe		eye waan alale					
HAND PROTECTION							
None required.							
SKIN PROTECTION							
Wear category II professional and water after removing prot		overalls and safe	ety footwear (s	ee Directive 89/6	86/EEC and st	andard EN ISO 20344)	. Wash body with soap
EYE PROTECTION Wear airtight protective goggl	es (see standar	rd EN 166).					

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#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, a mask with a type AX filter combined with a type P filter should be worn (see standard EN 14387).

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

## **SECTION 9.** Physical and chemical properties.

#### 9.1. Information on basic physical and chemical properties.

Appearance Colour Odour Odour threshold. pH. Melting point / freezing point. Initial boiling point. Boiling range. Flash point. Evaporation Rate Flammability of solids and gases Lower inflammability limit. Upper inflammability limit. Upper explosive limit. Upper explosive limit. Upper explosive limit. Upper explosive limit. Vapour pressure. Vapour density. Solubility Partition coefficient: n-octanol/water Auto-ignition temperature. Decomposition temperature. Viscosity Explosive properties Oxidising properties	aerosol silver characteristic of solvent Not available. Not available. Not available. < Not applicable. Not available. flammable gas Not available. Not available.
9.2. Other information.	
Solid content. VOC (Directive 2010/75/EC) :	15,00 % 85,00 %

## **SECTION 10. Stability and reactivity.**

#### 10.1. Reactivity.

VOC (volatile carbon) :

There are no particular risks of reaction with other substances in normal conditions of use.

67,75 %

ACETONE: decomposes under the effect of heat.

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## 10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

ZINC POWDER - ZINC DUST: risk of explosion on contact with: ammonium nitrate, ammonium sulphide, barium peroxide, lead nitride, chlorates, chromium trioxide, sodium hydroxide solutions, oxidising agents, performic acid, acids, tetrachloromethane, water. May react dangerously with alkali hydroxides, bromine pentafluoride, calcium chloride solution, fluorine, hexachloroethane, nitrobenzene, potassium dioxide, carbon disulphide, silver. Reacts with acids and strong alkalis developing hydrogen.

XYLENE (MIXTURE OF ISOMERS): stable, but may develop violent reactions in the presence of strong oxidising agents such as sulphuric and nitric acids and perchlorates. May form explosive mixtures with the air.

ACETONE: risk of explosion on contact with: bromine trifluoride, difluoro dioxide, hydrogen peroxide, nitrosyl chloride, 2-methyl-1,3 butadiene, nitromethane, nitrosyl perchlorate. Can react dangerously with: potassium tert-butoxide, alkaline hydroxides, bromine, bromoform, isoprene, sodium, sulphur dioxide, chromium trioxide, chromyl chloride, nitric acid, chloroform, peroxymonosulphuric acid, phosphoryl chloride, chromosulphuric acid, fluorine, strong oxidising agents. Develops flammable gases with nitrosyl perchlorate.

#### 10.4. Conditions to avoid.

Avoid overheating.

ACETONE: avoid exposure to sources of heat and naked flames.

#### 10.5. Incompatible materials.

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

ZINC POWDER - ZINC DUST: water, strong alkalis and acids. ACETONE: acid and oxidising substances.

#### 10.6. Hazardous decomposition products.

ACETONE: ketenes and other irritating compounds.

## **SECTION 11.** Toxicological information.

#### 11.1. Information on toxicological effects.

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

The introduction of even small quantities of this liquid into the respiratory system in case of ingestion or vomit may cause bronchopneumonia and pulmonary edema.

Acute effects: stinging eyes. Symptoms may include: rubescence, edema, pain and lachrymation. Ingestion may cause health problems, including stomach pain and sting, nausea and sickness.

Acute effects: contact with skin may cause: irritation, erythema, edema, dryness and chapped skin. Ingestion may cause health disorders, including stomach pain and sting, nausea and sickness.

This product contains highly volatile substances, which may cause serious depression of the central nervous system (CNS) and have negative effects, such as drowsiness, dizziness, slow reflexes, narcosis.

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XYLENE (MIXTURE OF ISOMERS): has a toxic effect on the CNS (encephalopathies). Irritating to the skin, conjunctivae, cornea and respiratory apparatus.

XYLENE (MIXTURE OF ISOMERS) LD50 (Oral).3523 mg/kg Rat LD50 (Dermal).4350 mg/kg Rabbit LC50 (Inhalation).26 mg/l/4h Rat

## **SECTION 12. Ecological information.**

This product is dangerous for the environment and highly toxic for aquatic organisms. In the long term, it have negative effects on aquatic environment. 12.1. Toxicity. **ZINC POWDER - ZINC** DUST LC50 - for Fish. 7,1 mg/l/96h Nothobranchius guentheri EC50 - for Crustacea. 2,8 mg/l/48h Daphnia magna EC50 - for Algae / Aquatic 0,015 mg/l/72h Pseudokirchneriella subcapitata Plants. 12.2. Persistence and degradability. **ZINC POWDER - ZINC** DUST mg/l 0,1 - 100 Solubility in water. Biodegradability: Information not available. XYLENE (MIXTURE OF **ISOMERS**) Solubility in water. mg/l 100 - 1000 Biodegradability: Information not available. TALC Solubility in water. < 0,1 mg/l BUTANE Solubility in water. mg/l 0,1 - 100 Rapidly biodegradable. PROPANE Solubility in water. mg/l 0,1 - 100 Rapidly biodegradable. ACETONE Rapidly biodegradable.

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NAPHTHA (PETROLEUM), HYDROTREATED LIGHT Rapidly biodegradable.	
12.3. Bioaccumulative potential.	
XYLENE (MIXTURE OF ISOMERS)	
Partition coefficient: n- octanol/water.	3,12
BCF.	25,9
BUTANE	
Partition coefficient: n- octanol/water.	1,09
PROPANE	
Partition coefficient: n- octanol/water.	1,09
ACETONE	
Partition coefficient: n- octanol/water.	-0,23
BCF.	3
12.4. Mobility in soil.	
XYLENE (MIXTURE OF	
ISOMERS) Partition coefficient: soil/water.	2,73
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	
Partition coefficient: soil/water.	1,78

#### 12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

## 12.6. Other adverse effects.

Information not available.

# **SECTION 13. Disposal considerations.**

13.1. Waste treatment methods.

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Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## **SECTION 14. Transport information.**

#### 14.1. UN number.

ADR / RID, IMDG, 1950 IATA:

#### 14.2. UN proper shipping name.

ADR / RID:	AEROSOLS,
IMDG:	FLAMMABLE AEROSOLS
	(NAPHTHA
	(PETROLEUM),
	HYDROTREATE
	D LIGHT)
IATA:	AEROSÓLS,
	FLAMMABLE

#### 14.3. Transport hazard class(es).

ADR / RID:	Class: 2	Label: 2.1
IMDG:	Class: 2	Label: 2.1
IATA:	Class: 2	Label: 2.1

# \*

## 14.4. Packing group.

ADR / RID, IMDG, IATA:

#### 14.5. Environmental hazards.

ADR / RID:	Environmentally Hazardous.	
IMDG:	Marine Pollutant.	

## IATA: NO

For Air transport, environmentally hazardous mark is only mandatory for UN 3077 and UN 3082.

14.6. Special precautions	for user.	
ADR / RID:	HIN - Kemler:	Limited Quantities: 1
	Special Provision: -	L

Tunnel restriction code: (D)

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IMDG:	EMS: F-D, S-U	Limited Quantities: 1	
IATA:	Cargo:	Maximum quantity: 150	Packaging instructions:
	Pass.:	Kg Maximum quantity: 75	203 Packaging instructions:
	Special Instructions:	Kg A145, A167, A802	203
14.7. Transport in bulk according to	Annex II of MARPOL73/78 and the IBC Code	<b>)</b> .	
Information not relevant.			
SECTION 15. Regulatory	information.		
15.1. Safety, health and environme	ental regulations/legislation specific for the s	substance or mixture.	
Seveso category.	8, 9i		
Restrictions relating to the product or o	contained substances pursuant to Annex XVII to	EC Regulation 1907/2006.	
Product. Point.	40		
Substances in Candidate List (Art. 59	REACH).		
None.			
Substances subject to authorisarion (A	nnex XIV REACH).		
None.			
Substances subject to exportation repo	orting pursuant to (EC) Reg. 649/2012:		
None.			
Substances subject to the Rotterdam (	Convention:		
None.			
Substances subject to the Stockholm (	Convention:		
None.			
Healthcare controls.			
Workers exposed to this chemical age workers' health and safety are modest	nt must not undergo health checks, provided th and that the 98/24/EC directive is respected.	at available risk-assessment d	ata prove that the risks related to the
15.2. Chemical safety assessment			

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No chemical safety assessment has been processed for the mixture and the substances it contains.

## **SECTION 16. Other information.**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Gas 1	Flammable gas, category 1
Aerosol 1	Aerosol, category 1
Aerosol 3	Aerosol, category 3
Flam. Liq. 2	Flammable liquid, category 2
Flam. Liq. 3	Flammable liquid, category 3
Acute Tox. 4	Acute toxicity, category 4
Asp. Tox. 1	Aspiration hazard, category 1
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic toxicity, category 2
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: may burst if heated.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road - CAS NUMBER: Chemical Abstract Service Number

- CE50: Effective concentration (required to induce a 50% effect) CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods

IMO: International Maritime Organization

- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%

# Z350 – Light zinc 400 ml

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- LD50: Lethal dose 50%	
- OEL: Occupational Exposure Level	
- PBT: Persistent bioaccumulative and toxic as REACH Regulation	
- PEC: Predicted environmental Concentration	
- PEL: Predicted exposure level	
- PNEC: Predicted no effect concentration	
- REACH: EC Regulation 1907/2006	
- RID: Regulation concerning the international transport of dangerous goods by train	
- TLV: Threshold Limit Value	
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.	
- TWA STEL: Short-term exposure limit	
- TWA: Time-weighted average exposure limit	
- VOC: Volatile organic Compounds	
vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation	
- WGK: Water hazard classes (German).	
GENERAL BIBLIOGRAPHY	
1. Regulation (EU) 1907/2006 (REACH) of the European Parliament	
2. Regulation (EU) 1272/2008 (CLP) of the European Parliament	
3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament	
4. Regulation (EU) 2015/830 of the European Parliament	
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament	
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament	
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament	
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament	
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament	
- The Merck Index 10th Edition - Handling Chemical Safety	
- INRS - Fiche Toxicologique (toxicological sheet) - Patty - Industrial Hygiene and Toxicology	
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition - ECHA website	
- ECHA website Note for users:	
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