Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

STANDART Lac L 900 Copper Powder

Version 2.2	Revision Date 27.10.2022	Print Date 16.04.2024

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

1.1 Product identifier

Trade name	: STANDART Lac L 900 Copper Powder
Material number	: 061264C20
Substance No.	: Index-No. : 029-019-01-X

1.2 Relevant identified uses of the substance or mixture and uses advised against

This information is not available.

1.3 Details of the supplier of the safety data sheet

Company	: ECKART Suisse SA
	Route de la Brasserie 2
	1963 Vétroz
Telephone	: +410273454800
Telefax	: +410273454859
E-mail address	: msds.eckart@altana.com
Responsible/issuing person	

1.4 Emergency telephone number

NCEC:

(contract no.: ECKART29003-NCEC) +44 1235 239671 (Middle East/Africa, call and response in your language) +1 215 207 0061 (Americas, call and response in your language) +65 3158 1074 (Asia-Pacific, call and response in your language)

SECTION 2: Hazards identification

GHS Classification

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: Acute toxicity, Category 4, Oral, H30 Serious eye damage/eye irritation, C Short-term (acute) aquatic hazard, C Long-term (chronic) aquatic hazard,	ategory 2A, H319 ategory 1, H400
: Warning	
: H302: Harmful if swallowed. H319: Causes serious eye irritation. H410: Very toxic to aquatic life with le	ong lasting effects.
Rinse mouth. P305 + P351 + P338 IF IN EYES: water for several minutes. Remove c and easy to do. Continue rinsing. P337 + P317 If eye irritation persis P391 Collect spillage. Disposal:	when using this product. ment. rotection. WED: Get medical help. Rinse cautiously with contact lenses, if present sts: Get medical help.
	 Short-term (acute) aquatic hazard, C Long-term (chronic) aquatic hazard, i i i i i i i i i i i i i i i i i i i

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copper

Other hazards which do not result in classification

Combustible Solids

SECTION 3: Composition/information on ingredients

Substance No. : Index-No. : 029-019-01-X

Hazardous components

Chemical name	CAS-No. EINECS-No.	Classification and labelling	Concentration[%]
copper	Not Assigned	Acute Tox.;4;H302 ;2A;H319 Aquatic Acute;1;H400 Aquatic Chronic;1;H410	50 - 100

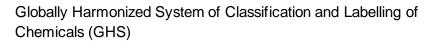
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	: Move the victim to fresh air. Move out of dangerous area.	
If inhaled	Show this safety data sheet toIf unconscious, place in recove advice.	
In case of skin contact In case of eye contact	 If symptoms persist, call a physical symptoms persist, call a physical symptoms is the symptoms of the symplectic symplecti	p and plenty of water.
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	Keep eye wide open while rinsing. If eve irritation persists, consult a spe	cialist.

If eye irritation persists, consult a specialist. If swallowed : Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

This information is not available.

4.3 Indication of any immediate medical attention and special treatment needed

This information is not available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Special powder against metal f	ire, Dry sand, ABC powder
Unsuitable extinguishing media	:	Water, High volume water jet	
5.2 Special hazards arising from	the	substance or mixture	
Specific hazards during firefighting	:	Do not allow run-off from fire fig courses.	ghting to enter drains or water
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	Wear self-contained breathing a necessary.	apparatus for firefighting if
Further information	:	Standard procedure for chemic	al fires.
		Collect contaminated fire exting must not be discharged into dra contaminated fire extinguishing accordance with local regulation	ains. Fire residues and water must be disposed of in
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	: Use personal protective equipment. Evacuate personnel to safe areas. Use personal protective equipment.
	Avoid dust formation.
	Avoid breathing dust.

6.2 Environmental precautions

Environmental precautions	: Prevent product from entering drains.
	Prevent further leakage or spillage if safe to do so.
	If the product contaminates rivers and lakes or drains inform
	respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	: Use mechanical handling equipment.
	Pick up and transfer to properly labelled containers.
	Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

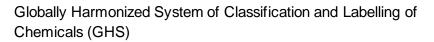
For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	: Avoid creating dust. Routine ho instituted to ensure that dusts of	
	Avoid formation of respirable p vapours/dust. Avoid contact wi protection see section 8. Smok be prohibited in the application	th skin and eyes. For personal ing, eating and drinking should
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	ac	cordance with local and natio	nal regulations.
Advice on protection against fire and explosion	: N	ormal measures for preventive	e fire protection.
	A	void dust formation.	
Hygiene measures	ha	eneral industrial hygiene pract ands before breaks and at the om food and drink. Keep away	end of workday. Keep away
		hen using do not eat or drink. ash hands before breaks and	
7.2 Conditions for safe storage, i	nclud	ing any incompatibilities	
Requirements for storage areas and containers		ectrical installations / working e technological safety standa	
	st cl	eep away from sources of ign ore near combustible material osed in a cool, well-ventilated uality, do not store in heat or d	s. Keep containers tightly place. To maintain product
	pl	eep container tightly closed in ace. Electrical installations / w th the technological safety sta	orking materials must comply
Further information on storage conditions	: Pi	rotect from humidity and water	:
Advice on common storage	st	: Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. Do not store together with oxidizing and self-igniting products.	
Dampness	: K	: Keep in a dry, cool and well-ventilated place.	
Other data		: Keep in a dry place. No decomposition if stored and applied as directed.	
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7.3 Specific end use(s)

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Germany:

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
copper	Not Assigned	AGW (inhalable fraction)	1 mg/m3		DE TRGS 900

United States of America (USA):

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
copper	7440-50-8	TWA (Dust and mist)	1 mg/m3	2010-03-01	
copper	7440-50-8	TWA (Fumes)	0,2 mg/m3	2010-03-01	
copper	7440-50-8	TWA (Dust)	1 mg/m3	2013-10-08	
copper	7440-50-8	TWA (Mist)	1 mg/m3	2013-10-08	
copper	7440-50-8	TWA (dusts and mists)	1 mg/m3	2011-07-01	
copper	7440-50-8	TWA (Fumes)	0,1 mg/m3	2011-07-01	
copper	7440-50-8	PEL (Fumes)	0,1 mg/m3	2014-11-26	
copper	7440-50-8	TWA (Fumes)	0,1 mg/m3	1989-01-19	
copper	7440-50-8	TWA (Dust and mist)	1 mg/m3	1989-01-19	

8.2 Exposure controls

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Eye protection	: Safety glasses
	: Wear face-shield and protective suit for abnormal processing problems.
Hand protection	
Material	: Leather
Remarks	: Leather gloves
	The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.
	The exact break through time can be obtained from the protective glove producer and this has to be observed. Recommended preventive skin protection
	: The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Skin and body protection	: Long sleeved clothing
	Safety shoes
	: Dust impervious protective suit
	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Respiratory protection	: Use suitable breathing protection if workplace concentration requires.
	Respirator with a dust filter
	P1 filter
Environmental exposure co	trols
General advice	:
	: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.
	If the product contaminates rivers and lakes or drains inform respective authorities.
Water	: The product should not be allowed to enter drains, water

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courses or the soil.

SECTION 9: Physical and chemical properties

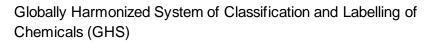
9.1 Information on basic physical and chemical properties

:

Appearance	: powder
Colour	: copper
Odour	: odourless
рН	: substance/mixture is non-soluble (in water)
Freezing point	: No data available
Boiling point/boiling range	: No data available
Flash point	: No data available
Bulk density	: No data available
Flammability (solid, gas)	: Combustible Solids
Auto-flammability	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Density	: No data available
Solubility(ies)	
Water solubility	: immiscible
Miscibility with water	: immiscible
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Ignition temperature	: No data available

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Thermal decomposition	:	No data available
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Flow time	:	No data available

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions	: Stable under recommended storage conditions., No hazards to be specially mentioned.
	No decomposition if stored and applied as directed.
	Dust may form explosive mixture in air.
10.4 Conditions to avoid	
Conditions to avoid	: No data available No data available
10.5 Incompatible materials	

Materials to avoid

: No data available

10.6 Hazardous decomposition products

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Other information	: No data available	
SECTION 11: Toxicologica	linformation	
11.1 Information on toxicolog	ical effects	
Acute toxicity		
Components:		
copper : Acute oral toxicity	: LD50 Oral Rat, male and female: 300	0 - 500 mg/kg
	Method: OECD Test Guideline 423	
	The component/mixture is moderately ingestion.	y toxic after single
Acute dermal toxicity	: LD50 Rat, male and female: > 2 000	mg/kg
	Method: OECD Test Guideline 402	
	The substance or mixture has no acu	te dermal toxicity

Skin corrosion/irritation

Product

May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation

Product

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Eye irritation

Respiratory or skin sensitisation

No data available

Carcinogenicity

No data available

Toxicity to reproduction/fertility

No data available

Reprod.Tox./Development/Teratogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

Further information

Product

No data available

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SECTION 12: Ecological information

12.1 Toxicity

<u>Components:</u> copper () :	
Ecotoxicology Assessment	
Short-term (acute) aquatic hazard	: Very toxic to aquatic life.
Long-term (chronic) aquatic hazard	: Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

Product:

Additional ecological	:	An environmental hazard cannot be excluded in the event of
information		unprofessional handling or disposal., Very toxic to aquatic life
		with long lasting effects.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	 The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. In accordance with local and national regulations.
Contaminated packaging	 Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. In accordance with local and national regulations.

SECTION 14: Transport information

14.1 UN number	
ADR	: 3077
TDG	
Not dangerous goods	
CFR	
Not dangerous goods	
IMDG	: 3077
ΙΑΤΑ	: 3077
14.2 Proper shipping name	
ADR	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

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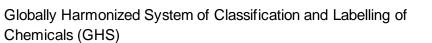
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		(Copper metal powder)	
TDG			
Not dangerous goods			
CFR			
Not dangerous goods			
IMDG	:	ENVIRONMENTALLY HAZARDOUS S	UBSTANCE, SOLID,
		(,Copper metal powder)	
ΙΑΤΑ	:	ENVIRONMENTALLY HAZARDOUS S	UBSTANCE, SOLID,
		N.O.S.	
		(Copper metal powder)	
14.3 Transport hazard class			
ADR	:	9	
TDG			
Not dangerous goods			
CFR			
Not dangerous goods			
IMDG	:	9	
ΙΑΤΑ	:	9	
14.4 Packing group			
ADR			
Packaging group	:	III	
Classification Code	:	M7	
Hazard Identification Number	:	90	
Labels	:	9	
Tunnel restriction code	:	(-)	
TDG			

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Not dangerous goods		
CFR		
Not dangerous goods		
IMDG		
Packaging group	:	III
Labels	:	9
ΙΑΤΑ		
Packing instruction (cargo	:	956
Packing instruction (cargo aircraft)	:	956
	:	
aircraft)	-	
aircraft) Packing instruction	-	

14.5 Environmental hazards

Labels

IMDG	: Marine pollutant
ADR	: Environmentally hazardous

: 9

14.6 Special precautions for user

IMDG Code- segregation group:

: IMDG Code segregation group 7 - Heavy metals and their salts

For single packagings <= 5L/5 kg, or combination packagings containing inner packagings <= 5L/5 kg net per inner packaging, SV375 ADR, 2.10.2.7 IMDG-Code, A197 IATA-DGR may be applied.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

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SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	: Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	: Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	: Not applicable
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	: Not applicable

15.2 Chemical safety assessment

No data available

SECTION 16: Other information

Full text of H-Statements	
H302	: Harmful if swallowed.
H319	: Causes serious eye irritation.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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