

REACH (EG Nr. 1907/2006)

Status: 15.06.2023

Information sheet for products

1. Name of the product and the undertaking

Application / Identification:

Alloys for contact elements for power transmission for CEE plug-in devices.

Manufacturer / supplier (provider of this information):

TRIPUS systems GmbH

Contact:

TRIPUS systems GmbH
Am Hohen Rain 2

Phone: +49 (0)8221 9016 - 0

Note on the information sheet for products:

CEE plug-in devices are products within the meaning of Regulation (EC) No. 1907/2006 (REACH Regulation). There is no legal obligation for a product to draw up a safety data sheet. However, in order to be able to make the information typically contained in a safety data sheet available for products, this information sheet for products has been prepared.

We expressly point out that the information sheet for articles is a voluntary information sheet that is not subject to the formal requirements of the REACH Regulation.

2. Possible dangers

Classification

Classification according to Regulation (EC) No 1272/2008 (CLP Regulation):

Products do not fall within the scope of the CLP Regulation and are therefore not classified!

Labelling elements

Labelling in accordance with Regulation (EC) No 1272/2008 (CLP Regulation): deleted

Hazard pictograms:	omitted
Signal word:	omitted
Hazard-determining components for labelling:	omitted
Hazard statements:	omitted

Other hazards

Results of PBT and vPvB assessment

PBT: Toxic to reproduction for pregnant women when swallowed in larger quantities.

vPvB: Not included, therefore no danger.

3. Composition / Information on constituents

The products referred to in 1. are a composition of plastics and metals. This information letter refers exclusively to the alloy of the metal content used.

The classifications listed below indicate the classification of the reacting pure substance and are for information purposes only. Alloys are special preparations according to Regulation (EC) 1907/2006 (REACH).

Material code (DIN CEN/TS 13388): CuZn39Pb3

Material number (DIN CEN/TS 13388): CW614N

Alloying component contained therein:

CAS: 7439-92-1 EINECS: 231-100-4	Diaper	1.5-3.5% (w/w)
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4. First aid measures

General information:

No special measures required.

The information on first aid refers to any dust that may arise.

The product does not pose a risk to health. Excessive use can in individual cases lead to the loosening of the smallest metal particles. These can not enter the body in the area of proper application.

5. Fire-fighting measures

Extinguishing agent

Suitable extinguishing agents: Non-flammable. Tailor fire extinguishing measures to the environment.

Specific hazards posed by the product

No other relevant information available.

Instructions for firefighting

Special protective equipment: No special measures required.

6. Measures in case of accidental release

Personal precautions, protective equipment and procedures to be used in emergencies:

Not required

Environmental protection measures:

Not required

Methods and material for retention and cleaning:

Collect the material and, if necessary, dispose of it as waste in accordance with section 13.

Reference to other sections:

Safe handling information see section 7

Personal protective equipment information see section 8

Disposal information see section 13

7. Handling and storage

Protective measures for safe handling:	No special measures required.
Notes on fire and explosion protection:	No special measures required.
Storage and container requirements:	No special requirements.
Further information on storage conditions:	Store in a dry place.

8. Exposure Limitation and Monitoring / Personal Protective Equipment

In the case of the products, there is no risk of exposure to the and under point 3.

General protection and hygiene measures:	None
Personal protective equipment:	None

9. Physical and chemical properties

Information on the basic physical and chemical properties of point 3 substance.

General information

Shape:	Solid
Color:	Brass yellow
Odour:	Odourless
Odour threshold:	Not determined

State

Melting point/freezing point:	870-900°C
Boiling start and boiling range:	Not determined
Flash point:	Not applicable
Explosive Properties:	None
Density at 20°C:	~8.4 g/cm ³
Water solubility:	Insoluble

10. Stability and reactivity

Reactivity: Not applicable	Chemical stability:	Not applicable
Possibility of dangerous reactions:		No hazardous reactions known
Conditions to avoid:		No further relevant information available
Incompatible materials:		No further relevant information available
Hazardous decomposition products:		No hazardous decomposition products known
Thermal decomposition / conditions to be avoided:		No decomposition when used as intended

11. Toxicological data

Information on toxicological effects

Primary irritant effect (in relation to the pure substance):

- ☐ Corrosive/irritant effect on the skin
- ☐ Severe eye damage/irritation
- ☐ Sensitization of the respiratory tract/skin
- ☐ Specific target organ toxicity at single exposure
- ☐ Specific target organ toxicity with repeated exposure
- ☐

Based on the data available and available to us, the classification criteria are not met.

Additional toxicological indications:

When handled properly and used as intended, the product causes:
according to our experience and the information available to us, no health
harmful effects. The substance is inseparably bound in the product.

12. Environmental information

Toxicity:

Aquatic toxicity:	No other relevant information available.
Persistence and degradability:	No other relevant information available.
Bioaccumulation potential:	No further relevant information available.
Mobility in the ground:	No further relevant information available.
Toxic to reproduction:	Lead in its pure form, here bound inseparably in the alloy.
Other ecological notes:	None

General information:

Semi-finished products made of copper and copper alloys are not soluble in water.

Other adverse effects: No further relevant information available

13. Instructions for disposal

These products fall within the scope of the WEEE Directive 2012/19/EU.

Under this Directive, products shall be disposed of properly at the end of their life cycle.

14. Transport information

UN number:	
ADR, ADN, IMDG, IATA:	not applicable
Proper UN shipping designation:	
ADR, ADN, IMDG, IATA:	not applicable
Transport hazard classes:	
ADR, ADN, IMDG, IATA -Class:	not applicable
Packaging group:	
ADR, IMDG, IATA:	entfällt
Environmental hazards:	not applicable.
Dangerous goods labelling:	not applicable.
Special precautions for the user:	not applicable.

15. Legislation

Labelling and information obligation in accordance with Regulation (EC) 1907 /2006 and SVHC Candidate List

Some alloys of our metallic contact parts contain the following substances, in concentrations of more than 0.1% (w/w):

Fabric	CAS/EINECS	List	Date of publication
Diaper	CAS: 7439-92-1 EINECS: 231-100-4	SVHC	01.07.2018

Products ("complex articles") containing copper and copper alloy articles within the meaning of **REACH** are not substances or mixtures in accordance with Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures (GHS /CLP Regulation).

Packaging does not contain any of the substances of very high concern (SVHC) included in the candidate list in concentrations greater than 0.1% (w/w).

16. Other information

The above information is based on current knowledge and experience. They are used for the safe and proper use of our articles. This data does not have the meaning of assured properties. The information in this information sheet is given to the best of our knowledge and belief.