

# Safety data sheet

acc. to Regulation (EC) No. 1907/2006 (REACH)



**GREEN COPPER RESCUE** article number: **04**

Version: 2.0 en  
Replaces version of:  
Version: (2)

date of compilation: 2024-01-15  
Publication: 2022-01-22

## SECTION 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade Name: **Green Copper Rescue**

1.2. Relevant identified uses of substance or mixture and uses advised against	
Use of substance/mixture:	Chelating aqueous solution to remove copper ions from stone and metal artworks surface

### 1.3 Details of the supplier of the Safety data Sheet

Company: Lab4Green s.r.l.  
Address: Via Torquato Tasso n.108 Rome, Italy  
E-mail: [info@lab4green.it](mailto:info@lab4green.it)

### 1.4. Emergency telephone number

Name	Street	Postal code/city	Telephone	Website
CENTRO ANTIVELENI: Milano Roma	Piazza dell'Ospedale Maggiore, 3 Piazza Sant'Onofrio, 4	20161 Milano MI 00165 Roma (RM)	(+39) 02.66101029 (+39) 06.3054343	

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The product is not considered hazardous: Classification ( REGULATION EC No 1272//2008 (CLP))  
The products need of M.S.D.S. in conformity to Regulation (EU) 2015/830  
Added information regarding safety risk or environment are reported in sez. 11 e 12

Classification and safety risk :  
Ocular irritation, category 2

H319

Causes serious eye irritation

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### 2.2. Label elements

Labelling according to REGULATION (CE) 1272/2008 (CLP)

The product contains no substances which at their given concentration, are considered to be hazardous to health

Hazard pictogram (CLP): NO

<b>P280</b>	Wear protective gloves/protective clothing/eye protection/face protection
<b>P337+P313</b>	If irritation is persistent, get medical attention .

### 2.3. Other hazards

The product contains no substances which at their given concentration, are considered to be hazardous to health as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not pertinent

### 3.2. Mixtures

Not pertinent

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

EYE contact; Rinse immediately with plenty of water: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

SKIN contact : Wash skin with soap and water. Get medical attention if any discomfort continues.

INGESTION : Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

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

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

No additional information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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Suitable extinguishing media: Not Available  
Unsuitable extinguishing media : Not Available

### 5.2. Special hazard arising from substance or mixture.

Hazards arising from explosion in case of fire  
Overpressure in the vessels exposed to fire with explosion hazard. Avoid inhalation of combustion products

### 5.3. Advice for firefighters

General information:

Use water spray or fog for cooling exposed containers and avoid product decomposition. Wear proper protective equipment.  
Collect all kind of water that cannot be discharge into the sewers.

Equipment

Proper protective equipment as positive-pressure self contained breathing apparatus (EN 137), flame-retardant gloves (EN 659) boots for Firefighters (HO A29 oppure A30).

## SECTION 6: Accidental release measures

### 6.1. Personal precaution, protective equipment and emergency procedures

Stop the spillage.

Wear adequate protection equipment (included individual protection equipment described in Sez.8 of this M.S.D.S. to prevent contamination of skin, eyes, and personal wear. These indication are valid both for users and for emergence intervents.

### 6.2. Environmental precautions

Clean up any spills as soon as possible, Prevent entry to sewers and public waters.

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

Collect and place in suitable waste disposal containers and seal securely. Absorb spillage with inert, damp, non-combustible material  
Provide adequate ventilation of the area.

### 6.4. References to other sections

Information regarding individual protection and waste disposal are reported in Sez. 8 and 13

## SECTION 7: Handling and storage

### 7.1. Precaution for safe handling

Prevent static electricity. Don't use in handling overpressed air. Don't eat, drink, smoke, during the use.

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

Store at: 2-10°C

### 7.3. Specific end use(s)

Not available

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## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

Normative requirements

DEU	Deutschland	Not Available
	TLV-ACGIH	Not Available

### 8.2. Exposure controls

Ensure good ventilation of the work station

EYE/FACE Protection Non-static creating clothing and conductive shoes should be worn; any I P D must be CE approved.  
Provide an emergency shower with an eyepiece face basin.

HAND Protection

Work gloves category III (rif. norma EN 374).

SKIN Protection

Wear suitable protective clothing category I (rif. Direttiva 89/686/CEE e norma EN ISO 20344).

EYE Protection

Chemical splash goggles. (rif. norma EN 166).

## SECTION 9: Exposure Controls/personal protection

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

Physical State	Liquid
Colour	Colourless
Odour	Odorless
pH	Not applicable
Freezing point	Not Available
Initial Boiling Point	6.5-7.5
Flash Point	Not Applicable.
Vapour Pressure	Not Available.
Vapour density	Not available
Relative Density	Not Available
Solubility ( in water )	Totally soluble

### 9.2. Other information

Not disposable

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## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

There are no known reactivity hazard associated with this product in normal conditions of use. .

### 10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended .Stable in normal stocking conditions.

### 10.3. Possibility of hazardous reactions

Vapours can form explosive mixtures with air

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged period of time, Avoid static electricity and heat sources.

### 10.5. Incompatible materials

Not disposable information

### 10.6. Hazardous decomposition materials.

Thermal decomposition or combustion may liberate gas and vapours potentially dangerous for health

## SECTION 11: Toxicological information

Not be valuable the toxicity. The valuation of danger of product on health were made considering the properties of components the blend

### 11.1. Information on toxicological effects

#### Metabolism , cinetic mechanism of action and other information

Not Available

#### Information on mechanism of probable exposition

Not Available

#### Immediate, retarded, cronic effects for short or long exposure time

Not Available

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### Interactive effect

Not Available

### ACUTE TOXICITY

Not Available

### SKIN CORROSION/ IRRITATION

Not Available

### EYE IRRITATION

Not Available

### RESPIRATORY OR CUTANIC SENSITIZATION

Not Available

### MUTAGENICITY

Not Available

### CANCEROGENICITY

Not Available

### REPROTOXICITY

Not Available

## SECTION 12: Ecological information

Utilize owing the good practice, avoiding to disperse the product in the environment.

### **12.1. Toxicity**

Not Available

### **12.2. Persistence and degradability**

Not Available

### **12.4. Mobility in soil**

Not Available

### **12.5. Results of PBT e vPvB assessment**

This substance is not classified as PBT or vPvB as % <= to 0,1%.

### **12.6. Other adverse effect**

Not Available

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal should be in accordance with existing practices at your institution. Observe all federal, provincial, and local laws.

## SECTION 14: Transport information

The product is not to be considered dangerous in accordance with (A.D.R.), dangerous goods on road , on railway (RID), on sea (IMDG Code) and on railway (IATA).

### 14.1. UN Number

Not applicable

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

This substance is not known to be hazardous for transport

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazard

No

### 14.6. Special precautions for user

Not applicable

### 14.7. Transport in bulk according to Annex II of MARPOL /~~E~~/~~I~~ and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

Categoria Seveso - Direttiva 2012/18/CE: None

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Restriction for the product or chemical substances included as 'Allegato XVII Regolamento (CE) 1907/2006

### Product

Point 3

### Substances in Candidate List (Art. 59 REACH)

As for data product don't contains SVHC substances in percentage major than a 0,1%.

### Substances subject to authorization (Allegato XIV REACH)

None

### Substances subject to authorization for export Reg. (CE) 649/2012:

None

**15.2. Chemical safety assessment** No additional information available. No necessary chemical safety valuation.

## SECTION 16: Other informations

### GENERAL BIBLIOGRAFY

1. Regolamento (CE) 1907/2006 del Parlamento Europeo (REACH)
  2. Regolamento (CE) 1272/2008 del Parlamento Europeo (CLP)
  3. Regolamento (UE) 790/2009 del Parlamento Europeo (I Atp. CLP)
  4. Regolamento (UE) 2015/830 del Parlamento Europeo
  5. Regolamento (UE) 286/2011 del Parlamento Europeo (II Atp. CLP)
  6. Regolamento (UE) 618/2012 del Parlamento Europeo (III Atp. CLP)
  7. Regolamento (UE) 487/2013 del Parlamento Europeo (IV Atp. CLP)
  8. Regolamento (UE) 944/2013 del Parlamento Europeo (V Atp. CLP)
  9. Regolamento (UE) 605/2014 del Parlamento Europeo (VI Atp. CLP)
  10. Regolamento (UE) 2015/1221 del Parlamento Europeo (VII Atp. CLP)
  11. Regolamento (UE) 2016/918 del Parlamento Europeo (VIII Atp. CLP)
  12. Regolamento (UE) 2016/1179 (IX Atp. CLP)
  13. Regolamento (UE) 2017/776 (X Atp. CLP)
- 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
  - Sito Web IFA GESTIS
  - Sito Web Agenzia ECHA
  - Banca dati di modelli di SDS di sostanze chimiche - Ministero della Salute e Istituto Superiore di Sanità



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