

# SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

Galflo CuPAg 15

#### Other means of identification:

Non-applicable

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

Relevant uses: Metallurgy. For professional users/industrial user only.

Uses advised against: All uses not specified in this section or in section 7.3

#### **1.3** Details of the supplier of the safety data sheet:

PIETRO GALLIANI BRAZING SPA - Società Unipersonale VIA MOLINO MALPASSO 65 40038 VERGATO - EMILIA ROMAGNA - ITALIA Phone: 051910061 info@pietrogallianibrazing.com www.pietrogallianibrazing.com

**1.4 Emergency telephone number:** +39051910061

# SECTION 2: HAZARDS IDENTIFICATION

Product on which the relevant test methods have been carried out so as not to be classified for its physical hazards.

#### 2.1 Classification of the substance or mixture:

Brazing/welding vapours and fumes from brazing/welding may cause metal fumes fever. Symptoms canappear 4 to 12 hours after. (headache, dizziness, dryness, cough, nausea and fever)May cause irritation by prolonged inhalation of brazing/welding fumes.

#### CLP Regulation (EC) No 1272/2008:

The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

#### 2.2 Label elements:

#### CLP Regulation (EC) No 1272/2008:

Hazard statements:

Non-applicable

#### Precautionary statements:

Non-applicable

### Supplementary information:

EUH210: Safety data sheet available on request.

#### 2.3 Other hazards:

Product fails to meet PBT/vPvB criteria Endocrine-disrupting properties: The product fails to meet the criteria. Welding and brazing processes can cause spatter, melting metal and UV/IR heat can cause burns or start fires.

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# 3.1 Substance:

Non-applicable

3.2 Mixture:

### Chemical description: Metals

**Components:** 

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:



### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

|                         | Identification   |                                 | Chemical name/Classification                         |            |  |
|-------------------------|--|---------------------------------|--|------------|--|
| CAS:                    |  | Silver <sup>(1)</sup>           | Not classified                                       |            |  |
| EC:<br>Index:<br>REACH: | 231-131-3<br>Non-applicable<br>01-2119555669-21-<br>XXXX | Regulation 1272/2008            |  | 10 - <25 % |  |
| CAS:                    |  | white phosphorus <sup>(2)</sup> | ATP CLP00  |            |  |
|                         | 231-768-7<br>015-002-00-7<br>01-2119489913-23-<br>XXXX   | Regulation 1272/2008            | Aquatic Chronic 3: H412; Flam. Sol. 1: H228 - Danger | 1 - <10 %  |  |

(1) Substance with a Union workplace exposure limit

<sup>(2)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

# SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

## By inhalation:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

#### By skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

### By eye contact:

This product does not contain substances classified as hazardous for eye contact. Rinse eyes thoroughly for at least 15 minutes with lukewarm water, ensuring that the person affected does not rub or close their eyes.

#### By ingestion/aspiration:

In case of consumption, seek immediate medical assistance showing the SDS for the product.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

# SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media:

#### Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

#### Unsuitable extinguishing media:

Non-applicable

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

#### Additional provisions:



# SECTION 5: FIREFIGHTING MEASURES (continued)

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

### For non-emergency personnel:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

#### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

#### 6.2 Environmental precautions:

Avoid spillage into the aquatic environment as it contains substances potentially dangerous for this. Contain the product absorbed in hermetically sealed containers. In the case of serious spillage into the aquatic environment notify the relevant authority.

# 6.3 Methods and material for containment and cleaning up:

#### It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

### 6.4 Reference to other sections:

See sections 8 and 13.

# SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Preferably use aspiration for cleaning. Given the danger of the product by inhalation, any cleaning method that involves exposure to the product in this way (sweeping, etc.) is not recommended

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

A.- Technical measures for storage

Store in a cool, dry, well-ventilated location

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):



### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

| Identification               | Occupational exposure limits |                       |  |
|------------------------------|------------------------------|-----------------------|--|
| Silver                       | IOELV (8h)                   | 0,1 mg/m <sup>3</sup> |  |
| CAS: 7440-22-4 EC: 231-131-3 | IOELV (STEL)                 |                       |  |

Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3

IARC and NIOSH are of the following opinion:

During welding- and brazing processes formed metallic fumes are suspected of being cancer causing agents.

### DNEL (Workers):

|                  |            | Short exposure |                | Long exposure         |                |
|------------------|------------|----------------|----------------|-----------------------|----------------|
| Identification   |            | Systemic       | Local          | Systemic              | Local          |
| Silver           | Oral       | Non-applicable | Non-applicable | Non-applicable        | Non-applicable |
| CAS: 7440-22-4   | Dermal     | Non-applicable | Non-applicable | Non-applicable        | Non-applicable |
| EC: 231-131-3    | Inhalation | Non-applicable | Non-applicable | 0,1 mg/m <sup>3</sup> | Non-applicable |
| white phosphorus | Oral       | Non-applicable | Non-applicable | Non-applicable        | Non-applicable |
| CAS: 7723-14-0   | Dermal     | Non-applicable | Non-applicable | 30 mg/kg              | Non-applicable |
| EC: 231-768-7    | Inhalation | Non-applicable | Non-applicable | 4 mg/m <sup>3</sup>   | Non-applicable |

### **DNEL (General population):**

|                  |            | Short          | exposure       | Long e                 | exposure       |
|------------------|------------|----------------|----------------|------------------------|----------------|
| Identification   |            | Systemic       | Local          | Systemic               | Local          |
| Silver           | Oral       | Non-applicable | Non-applicable | 1,2 mg/kg              | Non-applicable |
| CAS: 7440-22-4   | Dermal     | Non-applicable | Non-applicable | Non-applicable         | Non-applicable |
| EC: 231-131-3    | Inhalation | Non-applicable | Non-applicable | 0,04 mg/m <sup>3</sup> | Non-applicable |
| white phosphorus | Oral       | Non-applicable | Non-applicable | 30 mg/kg               | Non-applicable |
| CAS: 7723-14-0   | Dermal     | Non-applicable | Non-applicable | 30 mg/kg               | Non-applicable |
| EC: 231-768-7    | Inhalation | Non-applicable | Non-applicable | 4 mg/m <sup>3</sup>    | Non-applicable |

### PNEC:

| Identification   |              |                |                         |              |
|------------------|--------------|----------------|-------------------------|--------------|
| Silver           | STP          | 0,025 mg/L     | Fresh water             | 0,00004 mg/L |
| CAS: 7440-22-4   | Soil         | 1,41 mg/kg     | Marine water            | 0,00086 mg/L |
| EC: 231-131-3    | Intermittent | Non-applicable | Sediment (Fresh water)  | 438,13 mg/kg |
|                  | Oral         | Non-applicable | Sediment (Marine water) | 438,13 mg/kg |
| white phosphorus | STP          | 10 mg/L        | Fresh water             | 0,0105 mg/L  |
| CAS: 7723-14-0   | Soil         | 12,5 mg/kg     | Marine water            | 0,00105 mg/L |
| EC: 231-768-7    | Intermittent | 0,105 mg/L     | Sediment (Fresh water)  | 100 mg/kg    |
|                  | Oral         | Non-applicable | Sediment (Marine water) | 10 mg/kg     |

## 8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

### B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

| Pictogram                    | PPE                                      | Labelling | CEN Standard | Remarks   |
|------------------------------|--|-----------|--------------|---|
| Mandatory hand<br>protection | Protective gloves against<br>minor risks | CATI      |              | Replace gloves in case of any sign of damage. For<br>prolonged periods of exposure to the product for<br>professional users/industrials, we recommend using<br>CE III gloves in line with standards EN 420:2004+<br>A1:2010 and EN ISO 374-1:2016+A1:2018 |



# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

#### D.- Eye and face protection

| Pictogram                    | PPE  | Labelling | CEN Standard                    | Remarks   |
|------------------------------|--|-----------|---------------------------------|---|
| Mandatory face<br>protection | Panoramic glasses against<br>splash/projections. |           | EN 166:2002<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according to<br>the manufacturer's instructions. Use if there is a<br>risk of splashing. |

#### E.- Body protection

| Pictogram | PPE                  | Labelling | CEN Standard      | Remarks  |
|-----------|----------------------|-----------|-------------------|--|
|           | Work clothing        | CATI      |                   | Replace before any evidence of deterioration. For<br>periods of prolonged exposure to the product for<br>professional/industrial users CE III is<br>recommended, in accordance with the regulations<br>in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO<br>13688:2013, EN 464:1994. |
|           | Anti-slip work shoes | CAT II    | EN ISO 20347:2012 | Replace before any evidence of deterioration. For<br>periods of prolonged exposure to the product for<br>professional/industrial users CE III is<br>recommended, in accordance with the regulations<br>in EN ISO 20345:2012 y EN 13832-1:2007                                    |

#### F.- Additional emergency measures

| Emergency measure | Standards                                       | Emergency measure | Standards                                      |
|-------------------|---|-------------------|--|
| <b>^</b> +        | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 | +<br>             | DIN 12 899<br>ISO 3864-1:2011, ISO 3864-4:2011 |
| Emergency shower  |   | Eyewash stations  |  |

#### **Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

#### Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

| V.O.C. (Supply):          | 0 % weight      |
|---------------------------|-----------------|
| V.O.C. density at 20 °C:  | 0 kg/m³ (0 g/L) |
| Average carbon number:    | Non-applicable  |
| Average molecular weight: | Non-applicable  |

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

For complete information see the product datasheet.

| Appearance:       |  |
|-------------------|--|
| Physical state at |  |

| Physical state at 20 °C:               | Solid            |
|--|------------------|
| Appearance:                            | Not available    |
| Colour:                                | Characteristic   |
| Odour:                                 | Odourless        |
| Odour threshold:                       | Non-applicable * |
| Volatility:                            |                  |
| Boiling point at atmospheric pressure: | Non-applicable * |
| Vapour pressure at 20 °C:              | Non-applicable * |
| Vapour pressure at 50 °C:              | Non-applicable * |
|  |                  |

\*Not relevant due to the nature of the product, not providing information property of its hazards.



| SECT | ION 9: PHYSICAL AND CHEMICAL PROPERTIE  | S (continued)    |
|------|---|------------------|
|      | Evaporation rate at 20 °C:  | Non-applicable * |
|      | Product description:  |                  |
|      | Density at 20 °C:   | 7890,1 kg/m³     |
|      | Relative density at 20 °C:  | 7,89             |
|      | Dynamic viscosity at 20 °C:   | Non-applicable * |
|      | Kinematic viscosity at 20 °C:   | Non-applicable * |
|      | Kinematic viscosity at 40 °C:   | Non-applicable * |
|      | Concentration:  | Non-applicable * |
|      | pH:   | Non-applicable * |
|      | Vapour density at 20 °C:  | Non-applicable * |
|      | Partition coefficient n-octanol/water 20 °C:  | Non-applicable * |
|      | Solubility in water at 20 °C:   | Non-applicable * |
|      | Solubility properties:  | Non-applicable * |
|      | Decomposition temperature:  | Non-applicable * |
|      | Melting point/freezing point:   | ~645 - 655 °C    |
|      | Flammability:   |                  |
|      | Flash Point:  | Non-applicable   |
|      | Flammability (solid, gas):  | Non-applicable * |
|      | Autoignition temperature:   | Non-applicable * |
|      | Lower flammability limit:   | Non-applicable * |
|      | Upper flammability limit:   | Non-applicable * |
|      | Explosive (Solid):  |                  |
|      | Lower explosive limit:  | Non-applicable * |
|      | Upper explosive limit:  | Non-applicable * |
|      | Particle characteristics:   |                  |
|      | Median equivalent diameter:   | Non-applicable * |
| 9.2  | Other information:  |                  |
|      | Information with regard to physical hazard class  | sses:            |
|      | Explosive properties:   | Non-applicable * |
|      | Oxidising properties:   | Non-applicable * |
|      | Corrosive to metals:  | Non-applicable * |
|      | Heat of combustion:   | Non-applicable * |
|      | Aerosols-total percentage (by mass) of flammable components:                            | Non-applicable * |
|      | Other safety characteristics:   |                  |
|      | Surface tension at 20 °C:   | Non-applicable * |
|      | Refraction index:<br>*Not relevant due to the nature of the product, not providing info | Non-applicable * |

# SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.



#### SECTION 10: STABILITY AND REACTIVITY (continued)

#### **10.4** Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight   | Humidity       |
|--------------------|------------------|-------------------------|------------|----------------|
| Precaution         | Not applicable   | Precaution              | Precaution | Not applicable |

#### 10.5 Incompatible materials:

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable        | Avoid alkalis or strong bases |

### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

The experimental information related to the toxicological properties of the product itself is not available

#### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3

- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- B- Inhalation (acute effect):
  - Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for skin contact. For more information see section 3.
  - Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3. IARC: Non-applicable
  - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
  - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.

- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:



### SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as
- it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as
- hazardous for this effect. For more information see section 3.
- H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### **Other information:**

Non-applicable

#### Specific toxicology information on the substances:

| Identification   | Acut            | te toxicity | Genus |
|------------------|-----------------|-------------|-------|
| white phosphorus | LD50 oral       | >2000 mg/kg |       |
| CAS: 7723-14-0   | LD50 dermal     | >2000 mg/kg |       |
| EC: 231-768-7    | LC50 inhalation | >5 mg/L     |       |
| Silver           | LD50 oral       | >2000 mg/kg |       |
| CAS: 7440-22-4   | LD50 dermal     | >2000 mg/kg |       |
| EC: 231-131-3    | LC50 inhalation | >5 mg/L     |       |

#### Acute Toxicity Estimate (ATE mix):

| ATE mix                                  |                                    | Ingredient(s) of unknown toxicity |
|--|------------------------------------|-----------------------------------|
| Oral >2000 mg/kg (Calculation method) No |                                    | Non-applicable                    |
| Dermal                                   | >2000 mg/kg (Calculation method)   | Non-applicable                    |
| Inhalation                               | >5 mg/L (4 h) (Calculation method) | Non-applicable                    |

# **11.2** Information on other hazards:

### **Endocrine disrupting properties**

Endocrine-disrupting properties: The product fails to meet the criteria.

### Other information

Non-applicable

#### SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

#### 12.1 Toxicity:

# Acute toxicity:

|      | Acute toxicity:  |               |                       |         |            |
|------|--|---------------|-----------------------|---------|------------|
|      | Identification   | Concentration |                       | Species | Genus      |
|      | white phosphorus   | LC50          | >10 - 100 mg/L (96 h) |         | Fish       |
|      | CAS: 7723-14-0   | EC50          | >10 - 100 mg/L (48 h) |         | Crustacean |
|      | EC: 231-768-7  | EC50          | >10 - 100 mg/L (72 h) |         | Algae      |
| 12.2 | Persistence and degradability:   |               |                       |         |            |
|      | Not available  |               |                       |         |            |
| 12.3 | 3 Bioaccumulative potential:   |               |                       |         |            |
|      | Not available  |               |                       |         |            |
| 12.4 | Mobility in soil:  |               |                       |         |            |
|      | Not available  |               |                       |         |            |
| 12.5 | Results of PBT and vPvB assessment:                                      |               |                       |         |            |
|      | Product fails to meet PBT/vPvB criteria                                  |               |                       |         |            |
| 12.6 | Endocrine disrupting properties:   |               |                       |         |            |
|      | Endocrine-disrupting properties: The product fails to meet the criteria. |               |                       |         |            |
| 12.7 | Other adverse effects:   |               |                       |         |            |
|      | Not described  |               |                       |         |            |
|      |  |               |                       |         |            |



# SECTION 13: DISPOSAL CONSIDERATIONS

#### **13.1** Waste treatment methods:

| Code | Description   | Waste class (Regulation (EU) No<br>1357/2014) |
|------|---|---|
|      | It is not possible to assign a specific code, as it depends on the intended use by the user | Non dangerous                                 |

### Type of waste (Regulation (EU) No 1357/2014):

Non-applicable

#### Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

#### **Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

# SECTION 14: TRANSPORT INFORMATION

# Transport of dangerous goods by land:

With regard to ADR 2021 and RID 2021:

| 14.1      | UN number or ID number:          | Non-applicable |
|-----------|----------------------------------|----------------|
| 14.2      | UN proper shipping name:         | Non-applicable |
| 14.3      | Transport hazard class(es):      | Non-applicable |
|           | Labels:                          | Non-applicable |
| 14.4      | Packing group:                   | Non-applicable |
| 14.5      | Environmental hazards:           | No             |
| 14.6      | Special precautions for user     |                |
|           | Special regulations:             | Non-applicable |
|           | Tunnel restriction code:         | Non-applicable |
|           | Physico-Chemical properties:     | see section 9  |
|           | Limited quantities:              | Non-applicable |
| 14.7      |                                  | Non-applicable |
|           | according to IMO<br>instruments: |                |
| Transpo   | rt of dangerous goods by sea:    |                |
| With rega | ard to IMDG 40-20:               |                |
| 14.1      | UN number or ID number:          | Non-applicable |
| 14.2      | UN proper shipping name:         | Non-applicable |
| 14.3      | Transport hazard class(es):      | Non-applicable |
|           | Labels:                          | Non-applicable |
| 14.4      | Packing group:                   | Non-applicable |
| 14.5      | Marine pollutant:                | No             |
| 14.6      | Special precautions for user     |                |
|           | Special regulations:             | Non-applicable |
|           | EmS Codes:                       |                |
|           | Physico-Chemical properties:     | see section 9  |
|           | Limited quantities:              | Non-applicable |
|           | Segregation group:               | Non-applicable |
| 14.7      | Maritime transport in bulk       | Non-applicable |
|           | according to IMO<br>instruments: |                |
| Transpo   | rt of dangerous goods by air:    |                |
| -         | ard to IATA/ICAO 2023:           |                |
|           |                                  |                |

With regard to IATA/ICAO 2023:



#### SECTION 14: TRANSPORT INFORMATION (continued)

| 14.1 | UN number or ID number:                        | Non-applicable |
|------|--|----------------|
| 14.2 | UN proper shipping name:                       | Non-applicable |
| 14.3 | Transport hazard class(es):                    | Non-applicable |
|      | Labels:  | Non-applicable |
| 14.4 | Packing group:                                 | Non-applicable |
| 14.5 | Environmental hazards:                         | No             |
| 14.6 | Special precautions for user                   |                |
|      | Physico-Chemical properties:                   | see section 9  |
| 14.7 | Maritime transport in bulk<br>according to IMO | Non-applicable |

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### SECTION 15: REGULATORY INFORMATION

instruments:

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Silver (Product-type 2, 4, 5, 11)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

### Seveso III:

Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Non-applicable

#### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

# Other legislation:

The product could be affected by sectorial legislation

## **15.2** Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

# SECTION 16: OTHER INFORMATION

### Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

#### Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.: Non-applicable

#### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

#### CLP Regulation (EC) No 1272/2008:

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Flam. Sol. 1: H228 - Flammable solid.

#### Classification procedure:

Non-applicable

#### Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.



# SECTION 16: OTHER INFORMATION (continued)

| Principal bibliographical sources:<br>http://echa.europa.eu  |
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| http://eur-lex.europa.eu   |
| Abbreviations and acronyms:  |
| ADR: European agreement concerning the international carriage of dangerous goods by road<br>IMDG: International maritime dangerous goods code<br>IATA: International Air Transport Association<br>ICAO: International Civil Aviation Organisation<br>COD: Chemical Oxygen Demand |
| BOD5: 5day biochemical oxygen demand   |
| BCF: Bioconcentration factor   |
| LD50: Lethal Dose 50<br>LC50: Lethal Concentration 50<br>EC50: Effective concentration 50  |
| LogPOW: Octanolwater partition coefficient   |
| Koc: Partition coefficient of organic carbon   |
| UFI: unique formula identifier<br>IARC: International Agency for Research on Cancer  |

Product safety information sheet prepared in accordance with Article 32 of Regulation (EC) 1907/2006 (REACH); this document does not constitute a Safety Data Sheet under Article 31 of

Regulation (EC) No. 1907/2006, as a Safety Data Sheet is not mandatory for this product The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.