

# Safety Data Sheet

According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH

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

### 1.1. Product identifier

|                     |                       |
|---------------------|-----------------------|
| Code:               | Metal Powder          |
| Product name        | PB-SF / PB999         |
| INDEX number        | 082-013-00-1          |
| EC number           | 231-100-4             |
| CAS number          | 7439-92-1             |
| Registration Number | 01-2119513221-59-0012 |

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

|              |             |
|--------------|-------------|
| Intended use | Lead powder |
|--------------|-------------|

### 1.3. Details of the supplier of the safety data sheet

|                      |                          |                 |      |
|----------------------|--------------------------|-----------------|------|
| Name                 | LINBRAZE S.R.L.          |                 |      |
| Full address         | C/da Torre Chimera SP180 |                 |      |
| District and Country | 93019                    | Sommatino       | (CL) |
|                      |                          | Italia          |      |
|                      | Tel.                     | +39 0922 871694 |      |
|                      | Fax                      | +39 0922 709064 |      |

|  |                  |
|--|------------------|
| e-mail address of the competent person responsible for the Safety Data Sheet | sds@linbraze.com |
|--|------------------|

|           |                 |
|-----------|-----------------|
| Supplier: | LINBRAZE S.r.l. |
|-----------|-----------------|

### 1.4. Emergency telephone number

|                               |   |
|-------------------------------|---|
| For urgent inquiries refer to | <p>- Bulgaria<br/>Информационни служби при спешни случаи / официален консултативен орган:<br/>Национален токсикологичен информационен център,<br/>Многопрофилна болница за активно лечение и спешна медицина "Н.И.Пирогов"<br/>Телефон за спешни случаи / факс: +359 2 9154 213, E-mail: pirogov@pirogov.bg, <a href="http://www.pirogov.eu">http://www.pirogov.eu</a></p> <p>- Czech Republic<br/>Telefonní číslo pro naléhavé situace 112 Toxikologické informační středisko, Klinika pracovního lékařství VFN a 1. LF UK, Na Bojišti 1, 120 00, Praha 2, tel: 224 919 293 a 224 915 402.</p> <p>- Denmark<br/>Danish Environmental Protection Agency<br/>Haraldsgade 53, 2100 København Ø, Denmark</p> |
|-------------------------------|---|

+45 72 54 40 00  
82 12 12 12 (Giftlinjen – døgnåben alle dage)

**- Hungary**

**Baleset, veszély esetén hívható telefonszám (munkanapokon: 07-1520 h): 06 34 526 210**  
**Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ 1096 Budapest, Nagyvárad tér 2.)**  
**Tel.: +36 80 201-199 (0-24 h, díjmentesen hívható)**

**-Netherlands**

**National Poisons Information Center / University Medical Center Utrecht**  
**PO Box 85500, 3508 GA Utrecht, The Netherlands**  
**+31 88 75 585 61**

**- Poland**

**Bureau for Chemical Substances**  
**30/34 Dowborczykow Street, 90-019 Lodz, Poland**  
**+48 42 2538 400**

**- Romania**

**Serviciile de informare în caz de urgență / Organismul consultativ oficial: Institutul Național de Sănătate Publică, Tel. 021.318.36.06 (direct) (Apel cu taxa normala) Contact: infotox@insp.gov.ro**  
**Apelabil între orele 8:00 - 15:00 Număr de telefon al societății pentru urgențe: +49 (0) 700 / 24 112 112 (LMR)**

**- Slovakia**

**National Toxicological Information Centre**  
**Limbova 5, 833 05 Bratislava, Slovakia**  
**+421 2 5465 2307**

**- Sweden**

**Swedish Poisons Information Centre**  
**Giftinformationscentralen 171 76 Stockholm, Sweden**  
**+46 104 566 750**

## SECTION 2. Hazards identification

### 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 (EU) Regulation 2020/878.

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:**

|  |       |   |
|--|-------|---|
| Reproductive toxicity, category 1A                                 | H360D | May damage the unborn child.                                    |
| Reproductive toxicity, category 1A                                 | H360F | May damage fertility.   |
| Reproductive toxicity, effects on or via lactation                 | H362  | May cause harm to breast-fed children.                          |
| Specific target organ toxicity - repeated exposure, category 1     | H372  | Causes damage to organs through prolonged or repeated exposure. |
| 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.           |

## SECTION 2. Hazards identification ... / >>

### 2.2. Label elements

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

Hazard pictograms:



Signal words: Danger

Hazard statements:

|              |   |
|--------------|---|
| <b>H360D</b> | May damage the unborn child.                                    |
| <b>H360F</b> | May damage fertility.   |
| <b>H362</b>  | May cause harm to breast-fed children.                          |
| <b>H372</b>  | Causes damage to organs through prolonged or repeated exposure. |
| <b>H410</b>  | Very toxic to aquatic life with long lasting effects.           |
|              | Restricted to professional users.                               |

Precautionary statements:

|                  |   |
|------------------|---|
| <b>P260</b>      | Do not breathe dust / fume / gas / mist / vapours / spray.                      |
| <b>P201</b>      | Obtain special instructions before use.   |
| <b>P263</b>      | Avoid contact during pregnancy and while nursing.                               |
| <b>P280</b>      | Wear protective gloves/ protective clothing / eye protection / face protection. |
| <b>P308+P313</b> | IF exposed or concerned: Get medical advice / attention.                        |

**Contains:** LEAD POWDER

INDEX 082-013-00-1

### 2.3. Other hazards

The substance does not have persistence, bioaccumulation and toxicity (PBT) properties and is not very persistent and very bioaccumulative. (vPvB).

The substance does not have endocrine disrupting properties.

## SECTION 3. Composition/information on ingredients

### 3.1. Substances

Contains:

| Identification   | Conc. % | Classification (EC) 1272/2008 (CLP)  |
|--|---------|--|
| <b>LEAD POWDER</b><br>100% - metallic element<br><i>INDEX</i> 082-013-00-1 | 100     | <b>Repr. 1A H360D, Repr. 1A H360F, Lact. H362, STOT RE 1 H372, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=10</b><br><b>Repr. 1A H360D: ≥ 0,03%, STOT RE 1 H372: ≥ 0,5%</b> |
| <i>EC</i> 231-100-4  |         |  |
| <i>CAS</i> 7439-92-1   |         |  |
| <i>REACH Reg.</i> 01-2119513221-59-0012                                    |         |  |

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

### 3.2. Mixtures

Information not relevant

## **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. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

**INHALATION:** Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

**INGESTION:** Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

Information not available

### **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

Do not breathe combustion products. The product is combustible and, when the powder is released into the air in sufficient concentrations and in the presence of a source of ignition, it can create explosive mixtures with air.

Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.

### **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. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

#### 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

If there are no contraindications, spray powder with water to prevent the formation of dust.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

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

Collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues.

Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checking section 10. 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

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

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

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3. Specific end use(s)

Information not available

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Regulatory References:

|     |                 |  |
|-----|-----------------|--|
| CZE | Česká Republika | Nařízení vlády č. 41/2020 Sb. Nařízení vlády, kterým se mění nařízení vlády č. 361/2007 Sb., kterým se stanoví podmínky ochrany zdraví při práci, ve znění pozdějších předpisů |
| DNK | Danmark         | Bekendtgørelse om grænseværdier for stoffer og materialer - BEK nr 1458 af 13/12/2019  |
| ESP | España          | Límites de exposición profesional para agentes químicos en España 2021   |
| FRA | France          | Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS   |

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

|     |           |  |
|-----|-----------|--|
| ITA | Italia    | Decreto Legislativo 9 Aprile 2008, n.81  |
| POL | Polska    | Rozporządzenie ministra rozwoju, pracy i technologii z dnia 18 lutego 2021 r. Zmieniające rozporządzenie w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy  |
| ROU | România   | Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru modificarea și completarea hotărârii guvernului nr. 1.093/2006  |
| TUR | Türkiye   | Kimyasal Maddelerle Çalışmalarda Sağlık ve Güvenlik Önlemleri Hakkında Yönetmelik 12.08.2013 / 28733   |
| EU  | OEL EU    | Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC. |
|     | TLV-ACGIH | ACGIH 2021   |

#### LEAD POWDER

| Threshold Limit Value |         |                   |      |                   |     |                        |
|-----------------------|---------|-------------------|------|-------------------|-----|------------------------|
| Type                  | Country | TWA/8h            |      | STEL/15min        |     | Remarks / Observations |
|                       |         | mg/m <sup>3</sup> | ppm  | mg/m <sup>3</sup> | ppm |                        |
| TLV                   | CZE     | 0,05              |      | 0,2               |     |                        |
| TLV                   | DNK     | 0,05              |      |                   |     | E, Som Pb              |
| VLA                   | ESP     |                   | 0,15 |                   |     |                        |
| VLEP                  | FRA     | 0,1               |      |                   |     | En Pb                  |
| VLEP                  | ITA     | 0,15              |      |                   |     | Pb                     |
| NDS/NDSch             | POL     | 0,05              |      |                   |     | INHAL                  |
| TLV                   | ROU     | 0,15              |      |                   |     | în Pb                  |
| ESD                   | TUR     | 0,15              |      |                   |     |                        |
| OEL                   | EU      | 0,15              |      |                   |     |                        |
| TLV-ACGIH             |         | 0,05              |      |                   |     |                        |

#### Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

During the risk assessment process, it is essential to take into consideration the ACGIH occupational exposure levels for inert particulate not otherwise classified (PNOC respirable fraction: 3 mg/m<sup>3</sup>; PNOC inhalable fraction: 10 mg/m<sup>3</sup>). For values above these limits, use a P type filter, whose class (1, 2 or 3) must be chosen according to the outcome of risk assessment.

Biological monitoring must include measuring the blood-lead level (PbB) using absorption spectrometry or a method giving equivalent results. The binding biological limit value is: 70 µg Pb/100 ml blood.

Medical surveillance is carried out if exposure to a concentration of lead in air is greater than 0,075 mg/m<sup>3</sup>, calculated as a time-weighted average over 40 hours per week, or a blood-lead level greater than 40 µg Pb/100 ml blood is measured in individual workers.

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

Exposure levels must be kept as low as possible to avoid significant build-up in the organism. Manage personal protective equipment so as to guarantee maximum protection (e.g. reduction in replacement times).

#### HAND PROTECTION

In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves (see

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

standard EN 374).

Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions.

#### SKIN PROTECTION

Wear category III professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.

#### RESPIRATORY PROTECTION

Use a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment (see standard EN 149).

#### 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

| Properties                             | Value          | Information            |
|--|----------------|------------------------|
| Appearance                             | not available  |                        |
| Colour                                 | dark grey      |                        |
| Odour                                  | not available  |                        |
| Melting point / freezing point         | 327,5 °C       | Substance: LEAD POWDER |
| Initial boiling point                  | 600 °C         |                        |
| Flammability                           | not available  |                        |
| Lower explosive limit                  | not available  |                        |
| Upper explosive limit                  | not available  |                        |
| Flash point                            | not applicable |                        |
| Auto-ignition temperature              | not available  |                        |
| Decomposition temperature              | not available  |                        |
| pH                                     | not available  |                        |
| Kinematic viscosity                    | not available  |                        |
| Solubility                             | insoluble      |                        |
| Partition coefficient: n-octanol/water | not available  |                        |
| Vapour pressure                        | not available  |                        |
| Density and/or relative density        | 11,34          |                        |
| Relative vapour density                | not available  |                        |
| Particle characteristics               |                |                        |
| Median equivalent diameter             |                |                        |
| Median equivalent diameter             | 10 - 700       | µm                     |
| Shape                                  |                |                        |
| Shape                                  | spherical      |                        |

#### 9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

**SECTION 10. Stability and reactivity****10.1. Reactivity**

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

**10.2. Chemical stability**

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

**10.3. Possibility of hazardous reactions**

The powders are potentially explosive when mixed with air.

**10.4. Conditions to avoid**

Avoid environmental dust build-up.

**10.5. Incompatible materials**

Information not available

**10.6. Hazardous decomposition products**

Information not available

**SECTION 11. Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Prolonged exposure causes serious damage to the central nervous system and to the reproductive system.

Interactive effects

Information not available

ACUTE TOXICITY

## LEAD POWDER

LD50 (Dermal): > 2000 mg/kg Rat

LD50 (Oral): > 2000 mg/kg Rat

LC50 (Inhalation mists/powders): > 5 mg/l/4h Rat



**SECTION 11. Toxicological information ... / >>**

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

Epidemiological studies show no significant increase in the cancer risk associated with exposure to various lead compounds. Nevertheless, a recent meta-analysis of these studies revealed a small increase in the incidence of certain types of cancer in high-risk subjects (foundries, battery production). This effect is known for the lungs and stomach and, more uncertainly, for the bladder (INRS, 2006).

REPRODUCTIVE TOXICITY

May damage the unborn child

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Causes damage to organs

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

**11.2. Information on other hazards**

Based on the available data, the substance is not listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

**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**

LEAD POWDER

LC50 - for Fish

0,0409 mg/l/96h Pimephales promelas

EC50 - for Crustacea

0,026 mg/l/48h Ceriodaphnia dubia

EC50 - for Algae / Aquatic Plants

0,02 mg/l/72h Pseudokirchneriella subcapitata

**SECTION 12. Ecological information ... / >>**

|   |   |
|---|---|
| LC10 for Fish                           | 0,0178 mg/l/96h Cyprinus carpio                 |
| EC10 for Algae / Aquatic Plants         | 0,0061 mg/l/72h Pseudokirchneriella subcapitata |
| Chronic NOEC for Fish                   | 0,0293 mg/l Pimephales promelas                 |
| Chronic NOEC for Crustacea              | 0,11 mg/l Lymnaea stagnalis                     |
| Chronic NOEC for Algae / Aquatic Plants | 0,0227 mg/l Skeletonema costatum                |

**12.2. Persistence and degradability**

|                     |          |
|---------------------|----------|
| LEAD POWDER         |          |
| Solubility in water | 185 mg/l |
| Rapidly degradable  |          |

**12.3. Bioaccumulative potential**

|             |      |
|-------------|------|
| LEAD POWDER |      |
| BCF         | 1553 |

**12.4. Mobility in soil**

Information not available

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

The substance does not have persistence, bioaccumulation and toxicity (PBT) properties and is not very persistent and very bioaccumulative. (vPvB).

**12.6. Endocrine disrupting properties**

Based on the available data, the substance is not listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

**12.7. Other adverse effects**

Information not available

**SECTION 13. Disposal considerations****13.1. Waste treatment methods**

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**

**SECTION 14. Transport information ... / >>****14.1. UN number or ID number**

ADR / RID, IMDG, IATA: 3077

ADR / RID: In accordance with Special Provision 375, this product, when is packed in receptacles of a capacity  $\leq$  5Kg or 5L, is not submitted to ADR provisions.IMDG: In accordance with Section 2.10.2.7 of IMDG Code, this product, when is packed in receptacles of a capacity  $\leq$  5Kg or 5L, is not submitted to IMDG Code provisions.IATA: In accordance with SP A197, this product, when is packed in receptacles of a capacity  $\leq$  5Kg or 5L, is not submitted to IATA dangerous goods regulations.**14.2. UN proper shipping name**

ADR / RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (LEAD POWDER)

IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (LEAD POWDER)

IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (LEAD POWDER)

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

ADR / RID: Class: 9 Label: 9



IMDG: Class: 9 Label: 9



IATA: Class: 9 Label: 9

**14.4. Packing group**

ADR / RID, IMDG, IATA: III

**14.5. Environmental hazards**

ADR / RID: Environmentally Hazardous



IMDG: Marine Pollutant



IATA: Environmentally Hazardous



### SECTION 14. Transport information ... / >>

#### 14.6. Special precautions for user

|            |  |   |  |
|------------|--|---|--|
| ADR / RID: | HIN - Kemler: 90<br>Special provision: - | Limited Quantities: 5 kg  | Tunnel restriction code: (-)                               |
| IMDG:      | EMS: F-A, S-F                            | Limited Quantities: 5 kg  |  |
| IATA:      | Cargo:<br>Pass.:<br>Special provision:   | Maximum quantity: 400 Kg<br>Maximum quantity: 400 Kg<br>A97, A158, A179, A197, A215 | Packaging instructions: 956<br>Packaging instructions: 956 |

#### 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

### SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18/EU: E1

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Contained substance

Point 30-63-72-75 LEAD POWDER  
REACH Reg.: 01-2119513221-59-0012

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors  
not applicable

Substances in Candidate List (Art. 59 REACH)

LEAD POWDER  
REACH Reg.: 01-2119513221-59-0012

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

LEAD POWDER - (LEAD COMPOUNDS)

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

#### 15.2. Chemical safety assessment

Has not been performed / is not yet available a chemical safety assessment for the substance.

### SECTION 16. Other information

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

|                          |  |
|--------------------------|--|
| <b>Repr. 1A</b>          | Reproductive toxicity, category 1A                                 |
| <b>Lact.</b>             | Reproductive toxicity, effects on or via lactation                 |
| <b>STOT RE 1</b>         | Specific target organ toxicity - repeated exposure, category 1     |
| <b>Aquatic Acute 1</b>   | Hazardous to the aquatic environment, acute toxicity, category 1   |
| <b>Aquatic Chronic 1</b> | Hazardous to the aquatic environment, chronic toxicity, category 1 |
| <b>H360D</b>             | May damage the unborn child.                                       |
| <b>H360F</b>             | May damage fertility.  |
| <b>H362</b>              | May cause harm to breast-fed children.                             |
| <b>H372</b>              | Causes damage to organs through prolonged or repeated exposure.    |
| <b>H400</b>              | Very toxic to aquatic life.  |
| <b>H410</b>              | Very toxic to aquatic life with long lasting effects.              |

#### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 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: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- 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: Regulation (EC) 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: Time-weighted average exposure limit
- TWA STEL: Short-term 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 (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)

**SECTION 16. Other information ... / >>**

4. Regulation (EC) 790/2009 (I Atp. CLP) 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
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII 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
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

**Note for users:**

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

**CALCULATION METHODS FOR CLASSIFICATION**

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.