

SAFETY DATA SHEET

prepared in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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

1.1. Product identifier

Trade Name: FireFly Powder

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

Relevant identified uses: stage special effects

Uses advised against: No data.

1.3. Details of the supplier of the safety data sheet



E-mail of the person responsible for the safety data sheet: tomasz.piergies@consultchem.pl

1.4. Emergency telephone number

European emergency number: 112

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation 1272/2008 (CLP) as amended:

Product is not classified.

2.2. Label elements

Pictograms:

Not applicable.

Signal word:

Not applicable.

Hazard statement:

Not applicable.

Prevention precautionary statements:

Not applicable.

2.3. Other hazards

The product does not contain any PBT or vPvB substance according to annex XIII of regulation (EC) 1907/2006. The substances contained in the product have not been included in the list established in accordance with Art. 59 paragraph 1 as having endocrine disrupting properties and they are not substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

The product does not contain ingredients that, to the current knowledge of the supplier, are classified in accordance with Regulation 1272/2008 (CLP) and contribute to the classification of the product and therefore require listing in this section.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Move the victim to fresh air. In case of any complaints, consult a doctor.

Skin contact: Wash skin with plenty of water or in the shower. In case of any complaints, consult a doctor.

Eye contact: Rinse eyes with plenty of water. In case of any complaints, consult a doctor.

Ingestion: Provide immediate medical attention.

Protection of first-aiders: Do not take any action that poses a risk to anyone unless you are appropriately trained. Use personal protective equipment.

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

No data available.

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

Symptomatic treatment.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: No data available.

5.2. Special hazards arising from the substance or mixture

When decomposing, this product may release carbon monoxide, carbon dioxide, etc.

5.3. Advice for firefighters

Firefighters should wear self-contained breathing apparatus and appropriate protective clothing when at risk of exposure to decomposition products.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhaling dust. Evacuate the danger zone, follow emergency procedures.

6.2. Environmental precautions

Prevent contamination of soil, sewage and surface water.

6.3. Methods and material for containment and cleaning up

Collect mechanically.

6.4. Reference to other sections

See also sections 8 and 13 of the Safety Data Sheet.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid dust formation. Avoid inhalation of dust. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Store at a temperature below 25°C, in a dry and shaded place.

7.3. Specific end use(s)

See section 1.2 of the Safety Data Sheet.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Not applicable.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Use normal precautions when handling chemicals.

8.2.2. Individual protection measures, such as personal protective equipment

Eye protection: Wear safety glasses (EN 166).

Hand and skin protection: Use chemical-resistant protective gloves (EN 374). Wear protective work clothes and safety shoes.

Respiratory protection: Use appropriate respiratory equipment (breathing mask) (EN 149).

8.2.3. Environmental exposure controls

See section 6.2 of the safety data sheet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

- (a) **Physical state:** Powder
- (b) **Colour:** Light brown
- (c) **Odour:** No data available
- (d) **Melting point/freezing point:** No data available
- (e) **Boiling point or initial boiling point and boiling range:** No data available
- (f) **Flammability:** No data available
- (g) **Lower and upper explosion limit:** No data available
- (h) **Flash point:** No data available
- (i) **Auto-ignition temperature:** No data available
- (j) **Decomposition temperature:** No data available
- (k) **pH:** No data available
- (l) **Kinematic viscosity:** No data available
- (m) **Solubility:** No data available
- (n) **Partition coefficient n-octanol/water (log value):** No data available
- (o) **Vapour pressure:** No data available
- (p) **Density and/or relative density:** No data available
- (q) **Relative vapour density:** No data available
- (r) **Particle characteristics:** Grain size 0-0,15mm

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Not applicable.

9.2.2. Other safety characteristics

Not applicable.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

No data available.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

High temperatures, moisture.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

In the event of fire, hazardous fumes such as carbon monoxide, carbon dioxide, etc. may be released.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity:

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

Skin corrosion/irritation:

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

Serious eye damage/irritation:

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

Respiratory or skin sensitisation:

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

Germ cell mutagenicity:

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

Carcinogenicity:

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

Reproductive toxicity:

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

STOT-single exposure:

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

STOT-repeated exposure:

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

Aspiration hazard:

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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Not applicable.

11.2.2. Other information

No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

The product is not classified as hazardous to the environment.

12.2. Persistence and degradability

Biodegradable product.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substance according to annex XIII of regulation (EC) 1907/2006.

12.6. Endocrine disrupting properties

Not applicable.

12.7. Other adverse effects

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Recommendations regarding the mixture: Do not dispose to the sewers. Do not allow to contaminate surface and groundwater. Waste product should be subjected to recycling or liquidated in approved incineration plants or waste treatment/disposal plants, according to regulations in effect.

Recommendations regarding used packaging: Recycling / liquidation of packaging wastes should be conducted according to regulations in effect. PLEASE NOTE: Only packagings that are completely emptied and cleaned may be allowed to recycling! Use services of companies with appropriate authorization.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

A chemical safety assessment is not required for the mixture.

SECTION 16: OTHER INFORMATION

The information contained in the safety data sheet is intended to assist in the safe use of the product. The user of the product is obliged to comply with all applicable standards and regulations, and to create appropriate conditions for the safe use of the product.

Methods used to classify the mixture in question: Not Classified.

Abbreviations and acronyms in the Safety Data Sheet:

vPvB - very Persistent, very Bioaccumulative (substance).
PBT - Persistent, bioaccumulative, and toxic (substance).

H phrases from section 3:

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Hazard classes and categories:

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