

SAFETY DATA SHEET

Plam

Version: 2.0 Date:26.07.2022

Fire Products Plam Bulgaria

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP)& 2020/878

Fire disk

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

1.1 Product identifier

Fire disk

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

Identified Use(s) Product to start the fire
Uses Advised Against None known.

1.3 Details of the supplier of the safety data sheet

Manufacturer Fire Products Plam Bulgaria
1,Izgrev str
Kostenetz 2030

Telephone + 359 2 984 8960; + 359 8888 3707 66
Fax + 359 888 370766
E-Mail (competent person) Stefan.milchev@fireproducts.eu

1.4 Emergency telephone number

Emergency Phone No. + 359 888 370766
Languages spoken English, Office hours 09:00 – 17:00

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Regulation (EC) No. 1272/2008 (CLP) Not classifeied

2.1.2 Directive 67/548/EEC & Directive 1999/45/EC Not classifeied

2.2 Label elements

Product Name Fire disk

Hazard Pictogram(s) None

Hazard Statement(s) Not labelling applicable

Supplemental information None

Precautionary Statement(s) P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P270: Do not eat, drink or smoke when using this product.
P281: Use personal protective equipment as required.
P501: Do not empty into drains; dispose of this material and its container in a safe way.

2.3 Other hazards

This substance/mixture does not meet the vPvB criteria of the REACH Regulation, Annex XIII.

Ecological information: The substance/mixture do not contain components that are considered to have the properties of disrupting the endocrine system according to Article 57 letter f) of the Regulation.On the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) or Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of

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Commission at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to Article 57 (f) of the Regulation on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) or Commission Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 of the Commission at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances Moulded wax/wood composite .

3.2 Mixtures

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Fire disk are manufactured from mixtures of paraffin wax (CAS 8002-74-2), wood flour, wheat flour, calcium hydroxide (CAS 1305-62-0), and a preservative (Preventol ON extra CAS 90-43-7).

Directive 67/548/EEC & Directive 1999/45/EC

Stick

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
Paraffin wax	40	8002-74-2	232-315-6	None assignet	Not Classified
Calcium Hydroxide	2	1305-62-0	215-137-3	None assignet	Skin Irrit. 2;H315; Eye Dam. 1;H318; STOT SE 3;H335
Preventol ON extra	0,4	90-43-7	201-993-5	01-2119511183-53	Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335 Aquatic Acute 1;H400

Full text of H- and EUH-statements: see section 16

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Unlikely route of exposure. Product is a solid. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

Wash skin with soap and water. If skin irritation occurs: Get medical advice/attention.

Eye Contact

Flush eyes with water for at least 15 minutes while holding eyelids open. If eye irritation persists, get medical advice/attention.

Ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed

Repeated exposure may cause skin dryness or cracking.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

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SECTION 5: FIREFIGHTING MEASURES

5.1	Extinguishing media	Suitable Extinguishing media Unsuitable extinguishing media	Extinguish with carbon dioxide, dry chemical, foam or sand. Do not use water jet.
5.2	Special hazards arising from the substance or mixture		May produce toxic fumes of Carbon Monoxide. Avoid breathing vapours.
5.3	Advice for fire-fighters		Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid release to the environment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	Remove or make safe all sources of ignition. Use personal protective equipment as required. Ensure adequate ventilation.
6.2	Environmental precautions	Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.
6.3	Methods and material for containment and cleaning up	Sweep up and shovel into waste drums or plastic bags. Transfer to a lidded container for disposal or recovery. Keep away from heat and sources of ignition.
6.4	Reference to other sections	See Section: 8,13

SECTION 7: HANDLING AND STORAGE

7.1	Precautions for safe handling	Avoid all contact. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Always wash hands before smoking, eating and drinking.
7.2	Conditions for safe storage, including any incompatibilities	Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. Store products enclosed, in original packing. Keep cool. Protect from sunlight.
	Storage temperature	Stable under normal conditions.
	Storage life	Oxidizing
	Incompatible materials	See Section: 1.2
7.3	Specific end use(s)	

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control parameters	
8.1.1	Occupational Exposure Limits	No Occupational Exposure Limit assigned.
8.1.2	Biological limit value	Not established.
8.1.3	PNECs and DNELs	Not established.
8.2	Exposure controls	
8.2.1	Appropriate engineering controls	Ensure adequate ventilation.
8.2.2	Individual protection measures, such as personal protective equipment (PPE)	Assumes a good basic standard of occupational hygiene is implemented. Avoid contact with skin and eyes.
	Eye/ face protection	Not normally required.

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Skin protection

Not normally required.



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

Not applicable

8.2.3 Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	wood-wax blocks
Colour	Brown
Odour	Wood- paraffine odour
Odour threshold	Not established.
pH	Not determined.
Melting point/freezing point	Not determined.
Initial boiling point and boiling range	Not determined.
Flash point	> 206°C (Close cup)
Evaporation rate	Not determined.
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	Not explosive.
Vapour pressure	Not determinated
Vapour density	Not determined.
Solubility(ies)	Not determined.
Partition coefficient: n-octanol/water	Not determined.
Auto-ignition temperature	650 °C
Decomposition Temperature	Not determined.
Viscosity	Not applicable. Product is a solid.
Explosive properties	readily combustible and misuse may result in burns or uncontrolled fires
Oxidising properties	Not oxidising.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Stability and reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5 Incompatible materials

This product should be stored away from sources of strong heat or oxidising chemicals.

10.6 Hazardous decomposition product(s)

Carbon monoxide, Carbon dioxide,

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects (Substances in preparations / mixtures)

Acute toxicity

Ingestion

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

Inhalation

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

Skin Contact

Not classified. Repeated exposure may cause skin dryness or cracking.

Skin corrosion/irritation

Serious eye damage/irritation

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

Respiratory or skin sensitization

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

Germ cell mutagenicity

There is no evidence of mutagenic potential.

Carcinogenicity

No evidence of carcinogenicity.

Reproductive toxicity

No evidence of reproductive effects.

STOT - single exposure

Not applicable. Product is a solid.

STOT - repeated exposure

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

Aspiration hazard

Not applicable. Product is a solid.

11.2 Other information

None.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Not applicable. Product is a solid.

12.2 Persistence and degradability

The product is likely to persist in the environment. Part of the components are biodegradable.

12.3 Bioaccumulative potential

Not classified.

12.4 Mobility in soil

Not classified.

Components:

Calcium Hydroxide

Biodegradation in soil:

Biodegradation tests in soil are not relevant for inorganic substances.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Components:

Calcium Hydroxide

PBT status:PBT assessment does not apply.

The PBT assessment is not applicable to Calcium hidroxide as the substance is inorganic.

12.6 Endocrine disruptor properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to Article 57 (f) of the Regulation on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) or Commission Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 of the Commission at levels of 0.1% or higher.

12.7 Other adverse effects

None

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal should be in accordance with local, state or national legislation.

13.2 Additional Information

Large quantities of firestarter matches can be safely disposed by controlled combustion at an approved incinerator.

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SECTION 14: TRANSPORT INFORMATION

		ADR/RID	IMDG	IATA/ICAO
14.1	UN number	none	none	none
14.2	Proper Shipping Name -	none	none	none
14.3	Transport hazard class(es)			
14.4	Packing group			
14.5	Environmental hazards	Not classified	Not classified as a Marine Pollutant.	Not classified
14.6	Special precautions for user	See Section: 2		
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available.	No information available.	No information available.

SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1	EU regulations	Authorisations and/or Restrictions On Use
15.1.2	National regulations	None known.
15.2	Chemical Safety Assessment	None known.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 2;3;11;12;16.

References:

Safety Data Sheets for ingoing ingredients.

Existing ECHA registration for Paraffine wax (CAS 8002-74-2), Calcium Hydroxide (CAS 1305-62-0), Preventol ON extra (CAS 90-43-7)

Hazard Statement(s)

H315- Causes skin irritation

H318- Causes serious eye damage.

H319- Causes serious eye irritation

H335-Respiratory tract irritation

H400- Very toxic to aquatic life

Exposure scenarios- Consumer uses

Component:

Calcium Hydroxide

Environmental release category (ERC):

ERC8c: Widespread use leading to inclusion into/onto article

Product category (PC):

PC 0: Other- matches

Substance supplied to this use in the form of:

in a mixture

Subsequent service life relevant to this use - No

Insignificant release via the following route - Air

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Annex to the extended Safety Data Sheet (eSDS)

Not available.