

SAFETY DATA SHEET

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

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY UNDERTAKING

1.1 Product identifier: Lighting bars/lighting matches/firestarters

1.2 Relevant identified uses of the product: Ignition item

1.3 Details of the supplier of the safety data sheet

Company name: AS Hansa Candle

Street: Vabriku 2

City: 71011 Viljandi

Country: ESTONIA

Phone: +372 43 30 222

Telefax: +372 43 30 220

1.4 Emergency tel number: 112 (24/7),
Local Poison Centres (24/7) (+372) 626 93 90 (Estonia)

2. HAZARDS IDENTIFICATION:

2.1 Classification according to EC regulation 1272/2008 (CLP)

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

Not applicable

2.3 Other hazards

No hazards for health when swallowed.

No irritation in contact with skin.

No environmental hazards.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical characterisation and hazardous components

Firestarters are composed of rough pinewood rawdust and high quality paraffin wax. Firestarters have a head of special composition. Firestarters are packed in cardboard boxes with a striking surface of special composition

Chemical name	EINECS	CAS	Percent
Paraffin	295-523-6	92062-09-4	50-60%

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Chemical name	EINECS	CAS	Percent
Red phosphorus	231-768-7	7723-14-0	0,25%

Chemical name	EINECS	CAS	Percent
Potassium chlorate	223-289-7	3811-04-9	0,003%

3.2 Physical appearance:

Length of firestarter: 50 mm
Thickness: 12 mm
Length of match head: 4-5 mm
Box sizes: 120 x 65 x 30 mm
Average content of firestarters: 20 pcs

4. FIRST AID MEASURES:

4.1 Description of first aid measures

In case of easy burns use the medicaments, which are meant for the cure of thermal burns.
In case of heavy burns and eye contacts use the sterile bandage and turn to the doctor.
In case of inhalation go to the fresh air.

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

Not known

4.3 Indication of any immediate medical attention and special treatment needed

Not known

5. FIREFIGHTING MEASURES:

5.1 Extinguishing media

In case of burn block the access of free oxygen. In this case you can use thick fabrics, sand, powder, foam CO₂, water

5.2 Special hazards arising from the product

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Firestarters do not burn inside of the box, because the tight packaging prevents the access of necessary oxygen. Only the head of the firestarter may char in the box.

The goods may ignite in case of the box breakage and when the firestarters are crumbled, they may rub against the striking surface and ignite

5.3 Advice for firefighters

Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal precautions, protective equipment and emergency procedures

Isolate from the fire, over-heat, humidity and from influence of strong acids.

6.2 Environmental precautions

Prevent product from entering drains.

6.3 Methods and materials for containment and cleaning up

Gather together and place it in appropriate packages (bags) or clean containers.

7. HANDLING AND STORAGE:

7.1 Precautions for safe handling

Keep firestarter boxes in closed, dry rooms. The firestarter boxes have to be stored 10 cm from the floor and outer walls. The warehouses have to be equipped with fire extinguishers and water supply pipes. In storehouses you are not allowed to deal with opened fire and to use lamps without cover (cupola). No smoking allowed. When loading firestarter boxes have to be handled with care (do not throw).

7.2 Conditions for safe storage including any incompatibilities

The temperature in storehouse should be 8-15°C, it cannot be over 40°C and air humidity shouldn't be over 65%. In the same storehouse you can not keep strong acids (H₂SO₄, NHO₃), inflammable or humidity materials. Keep away from direct sunlight.

7.3 Specific end uses

Keep out of reach of children and pets

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

8.1 Control parameters

Not applicable

8.2 Exposure controls

Keep firestarters in suitable storehouse rooms.
Keep out of reach of children and pets.

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1 Information on basic physical and chemical properties

Appearance: stem is made of natural wood

Odour: practically none

PH: neutral

10. STABILITY AND REACTIVITY:

10.1 Reactivity

No dangerous reactions known under conditions of normal use.

10.2 Stability

The product is stable in normal storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reaction known under conditions of normal use.

10.4 Conditions to avoid

Avoid storing temperature over 40°C and air humidity over 65%.
Avoid keeping acids (H₂SO₄, NHO₃), inflammable or humidity materials nearby.
Direct sunlight.

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10.5. Incompatible materials

Acids

10.6 Hazardous decomposition products

Not known

11. TOXICOLOGICAL INFORMATION:

11.1 Information on toxicological effects

When swallowed in small quantities it is not harmful for health.
In big quantities- not known.

11.2 Other information

Not available

12. ECOLOGICAL INFORMATION:

12.1 Toxicity

The product is not dangerous for land-growing plants and aquatic organisms.

12.2 Persistence and degradability

In contact with water the product will decay.

12.3. Bioaccumulative potential

Not known

12.4 Mobility in soil

Not known

12.5. Results of PBT and vPvB assessment

Not applicable

12.6. Other adverse effects

Not known

13. DISPOSAL CONSIDERATIONS:

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13.1 Waste treatment methods

Disposal: Incineration.

14. TRANSPORT INFORMATION:

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|------|--|-----------------|
| 14.1 | UN number: | 1944 |
| 14.2 | UN Shipping name: | Flammable solid |
| 14.3 | Hazard class: | 4.1 |
| 14.4 | Packing group: | Not applicable |
| 14.5 | Environmentla hazards: | Not known |
| 14.6 | Special precautions for safe handling: | Not applicable |

15. REGULATORY INFORMATION:

- | | |
|------|---|
| 15.1 | Safety, health and environmental regulations/legislation specific for the substance or mixture
EEC-Regulations: 1907/2006 REACH, 1272/2008 CLP |
| 15.2 | Chemical safety assessment
N/A |

16. OTHER INFORMATION:

This safety data sheet serves to complete but not to replace the technical product sheets.
The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated hereabove.
It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk.
The information given herein is no way dispenses the user from knowing and applying all provisions regulating his or her activity.
The user bears sole liability for the precautions required when using the product.
The regulatory text indicated herein are intended to aid the user to fulfill his obligations. This list is not to be considered complete and exhaustive.
It is the users responsibility to ensure that he is subject to no other obligations than those mentioned.