

SAFETY DATA SHEET

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

1. Product identifier and details of the supplier of the safety data sheet

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Product family: Means for heating the food

Product Type: Means for heating the food

Commercial name: Means for heating the food "Flameless food heater"

Identified uses: Use for heating food

Emergency telephone:

2. Hazard identification

Hazard pictograms:



GHS 02



GHS 07

Defining characteristics of the product:

Means for heating the food

Signal word: Hazardous

2.1 Classification of the substance or mixture

Water-react. 3 H261 In contact with water, emitting flammable gas, category 3

Skin Irrit. 2 H315 Causes skin irritation, category 2

Eye Irrit. 2; H319 Causes serious eye irritation, category 2

STOT SE 3 H336 May cause drowsiness or dizziness, category 3

See section 11 for more detailed information about factors that affect health and the symptoms.

2.2 General: Before use carefully read the product instructions.

2.3. Prevention: Avoid inhalation of vapors when heated, as hydrogen is released. Do not hold the packaging in your hands when heated. Observe good personal hygiene.

Storage: Keep away from open flames and water.

Disposal: Dispose of contents and container in accordance with local, regional, national and international regulations.

2.4. Other hazards: No other hazards are known.

3. Composition/Information on ingredients

Formula: None

Component	CAS №	CLP classification	Percentage,% mass parts
Package for heating	-	-	-
heater	-	-	-
CaO	1305-78-8	Acute Tox.4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3 H336	50-55

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Sodium chlorine (salt)	7647-14-5	N/E	5-10
Aluminum powder	7429-90-5	H250; Pyr. Sol. 1 H261; Water-react. 3	35-40

There are no additional ingredients present which within the current knowledge of the supplier and in the concentrations applicable could be classified as hazardous to health or the environment and hence require reporting in this section.

4. First Aid Measures

4.1. Description of the first aid measures

General advice: No special measures required

Following eye contact: Rinse with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical attention.

Following skin contact: If skin irritation persists, call a physician.

Following inhalation: Remove person to fresh air and keep comfortable for breathing. Consult a physician if symptoms develop.

Following ingestion: Not dangerous. Consult a physician if symptoms develop

4.2 Most important symptoms and effects, both acute and delayed

Eye contact: May cause irritation of the mucous membranes.

Skin contact: Improper use may cause burns.

Inhalation: May cause irritation of respiratory tract.

Ingestion: The liquid that was used for activation should not be used, as may cause digestive tract irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Following eye contact: None.

Following skin contact: None.

Following inhalation: None.

Following ingestion: None.

Notes to physician: No specific treatment.

Specific treatments: No specific treatment.

5. Firefighting measures

5.1. Extinguishing media:

Suitable: Carbon dioxide, dry extinguishing agents, foam, sand.

Not suitable: Water.

5.2. Special hazards arising from the substance or mixture:

Keep away from fire, as the package itself may catch fire. Keep away from water, as in contact with water, flammable gas is released.

5.3. Advice for fire fighters:

Wear protective clothing and self-contained breathing apparatus.

6. Accidental release measures:

6.1 Personal precautions, protective equipment and emergency procedures: In the heating state do not breathe vapors. Keep away from flame. Do not use the kit for open food or leaky packs. Do not hold the bag while heating.

6.2 Environmental precautions: Do not discharge into in reservoirs, drainage systems.

6.3 Methods and material for containment and cleaning up: Not applicable.

Reference to other sections: See Section 1 for Product identifier and details of the supplier of the safety data sheet.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and storage

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- 7.1 Precautions for safe handling:** Before use read the instruction. Keep away from heat, sparks and flame. In the molten state do not breathe vapors. Keep away from water, as in contact with water, flammable gas is released.
- 7.2 Conditions for safe storage, including any incompatibilities:** Keep away from flame and water.
- 7.3 Specific end use:** Use as directed.

8. Exposure controls/personal protection

8.1. Control parameters:

Personal, workplace or environmental monitoring may be necessary to ensure exposures that are recommended below.

Engineering measures: Recommended to use of natural ventilation

Personal protective equipment: Not applicable.

Eye Protection: Glass (general rule).

Skin Contact: Gloves (general rule).

Respiratory Protection: Mask (general rule).

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked for compliance with the environmental protection requirements of the legislation of the environment.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Package
 Smell (odor threshold): Characteristic
 Melting point: Not determined
 Initial boiling point: Not applicable
 Flash point: Not applicable
 Density: Not determined
 pH: Not determined
 Solubility: Reacts with water

10. Stability and reactivity

Reactivity: Stable.

Chemical stability: Stable.

Possibility of Hazardous Reactions: Stable.

Conditions to Avoid: Avoid open flames and moisture.

Hazardous Decomposition Products: Possible decomposition products for combustion / melting are: H₂, combustible gases

11. Toxicological information

Eye irritation: Risk of serious damage.

Skin corrosion/irritation Causes skin irritation.

Respiratory irritation: In the heating state may cause irritation of respiratory tract. The heating bag is hot, so improper use can result in burns. May cause irritation of the mucous membranes.

Ingestion Irritation: Not applicable.

Respiratory or skin sensitization: Not expected to be a skin sensitizer.

Aspiration Hazard: Not considered an aspiration hazard.

Germ cell mutagenicity: No data available.

Specific target organ toxicity - single exposure:

No data available.

Specific target organ toxicity – repeated exposure:

No data available.

Possible ways of contact with the organism:

Getting through the inhalation.

12. Ecological information

Eco toxicity:

Do not discharge into in reservoirs, drainage systems.

Persistence and degradability:

Not available.

Bio accumulative potential:

Not available.

Mobility in soil:

Not available.

Other adverse effects:

Not available.

13. Disposal considerations

Disposal instructions:

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Waste must be disposed of in accordance with federal, state/provincial and local environmental control regulations.

Local disposal regulations

Hazardous waste code:

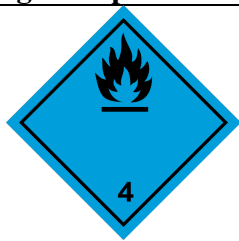
Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

Transportation can be carried out in accordance with national legislation or ADR - for transport by road, RID - to transport by rail, IMDG - for transportation by sea, IATA - for transportation by air.

	UN no.	Appropriate shipping name	Classes hazards during transportation	PG	Env
ADR/RID	2813	Means for heating the food "Flameless food heater" Water- reactive solid N.O.S	 4.3.	II	-
IATA				II	-
IMDG				II	-

Transportation indoors consumer: Transport in manufacturer packaging.

Transport in bulk according to MARPOL Annex II and IBC Code Not Applicable.

15. Regulatory information

Safety Health and Environment / special law for the substance or mixture:

EU Regulation (EC) № 1907/2006 (REACH) **Annex XIV - List of substances subject to authorization:**

None of the components are listed.

Annex XIV: Substances very special attention: None of the components are listed.

CHAPTER XVII: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles. Not applicable.

16. Other information

The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet/ In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.