



# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Burnblock®

**Product no.**

-

**REACH registration number**

Not applicable

**Other means of identification**

Authorization number:

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

**Relevant identified uses of the substance or mixture**

Flame retardent liquid

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

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

**Company and address**

Burnblock ApS  
Wilders Plads 8A  
DK-1401 København K  
Denmark  
tel: +45 7023 2053

**Contact person**

Paw Fællø

**E-mail**

info@burnblock.com

**SDS date**

23-09-2014

**SDS Version**

1.0

### 1.4. Emergency telephone number

Use your national or local emergency number. See section 4 "First aid measures"

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

This product is not classified as dangerous.

See full text of H/R-phrases in section 2.2.

**DPD/DSD Classification**

-

### 2.2. Label elements

**Hazard pictogram(s)****Signal word**

-

**Hazard statement(s)**

-

<b>Safety statement(s)</b>	General	-
	Prevention	-
	Response	-

According to EC-Regulation 1907/2006 (REACH)

Storage -  
Disposal -

### Identity of the substances primarily responsible for the major health hazards

-

### 2.3. Other hazards

#### Additional labelling

Safety data sheet available on request. (EUH210)

#### Additional warnings

-

#### VOC

-

## SECTION 3: Composition/information on ingredients

### 3.1/3.2. Substances

NAME:	sodium benzoate
IDENTIFICATION NOS.:	CAS-no: 532-32-1 EC-no: 208-534-8
CONTENT:	1-5%
DSD CLASSIFICATION:	Xi;R36
CLP CLASSIFICATION:	Eye Irrit. 2 H319

(\*) See full text of H/R-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.

### Other informations

Substances of very high concern (SVHC) from the Candidate List were not added to Burnblock® i.e. content of SVHC substances < 0.1 %.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

#### Inhalation

Get the person into fresh air and stay with them.

#### Skin contact

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

#### Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. If irritation continues, contact a doctor.

#### Ingestion

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

#### Burns

Rinse with water until the pain stops and continue for 30 minutes.

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

No special

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

No special

#### Information to medics

Bring this safety data sheet.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

**5.2. Special hazards arising from the substance or mixture**

No special

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

No specific requirements.

**6.2. Environmental precautions**

No specific requirements.

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

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

**6.4. Reference to other sections**

See section on "Disposal considerations" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

See section on 'Exposure controls/personal protection' for information on personal protection.

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

Always store in containers of the same material as the original.

**Storage temperature**

NA

**7.3. Specific end use(s)**

This product should only be used for applications described in Section 1.2

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****OEL**

No data available

**DNEL / PNEC**

No data available.

**8.2. Exposure controls**

No control is necessary if the product is used in a normal way.

**General recommendations**

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom.

**Exposure scenarios**

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

**Exposure limits**

There are no maximum exposure limits for the substances contained in this product.

**Appropriate technical measures**

Take ordinary precautions when using the product. Avoid inhalation of gas or dust.

**Hygiene measures**

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.



According to EC-Regulation 1907/2006 (REACH)

**Measures to avoid environmental exposure**

No specific requirements.

**Individual protection measures, such as personal protective equipment**

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**Generally**

Only CE-marked personal protection equipment should be used.

**Respiratory Equipment**

No specific requirements.

**Skin protection**

No specific requirements.

**Hand protection**

No specific requirements. Wear gloves in case of long term use/direct contact.

**Eye protection**

Wear safety goggles if there is a risk of eye splash.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Form	Colour	Odour	pH	Viscosity	Density (g/cm <sup>3</sup> )
Liquid	Clear	Weak ammonia	7.2	-	ca. 1

**Phase changes**

Melting point (°C)	Boiling point (°C)	Vapour pressure (mm Hg)
-	-	-

**Data on fire and explosion hazards**

Flashpoint (°C)	Ignition (°C)	Self ignition (°C)
-	-	-

Explosion limits (Vol %)	Oxidizing properties
-	-

**Solubility**

Solubility in water	n-octanol/water coefficient
Soluble	-

**9.2. Other information**

Solubility in fat	Additional information
-	N/A

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

No data available

**10.2. Chemical stability**

The product is stable under the conditions, noted in the section on "Handling and storage".

**10.3. Possibility of hazardous reactions**

No special

**10.4. Conditions to avoid**

Do not expose to heat (e.g. sunlight), because it can lead to excess pressure.

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reductants agents.

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

Substance	Species	Test	Route of exposure	Result
No data available.				

**Skin corrosion/irritation**

No data available.



According to EC-Regulation 1907/2006 (REACH)

**Serious eye damage/irritation**

No data available.

**Respiratory or skin sensitisation**

No data available.

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

No data available.

**Reproductive toxicity**

No data available.

**STOT-single exposure**

No data available.

**STOT-repeated exposure**

No data available.

**Aspiration hazard**

No data available.

**Long term effects**

No data available.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Substance	Species	Test	Test duration	Result
No data available.				

**12.2. Persistence and degradability**

Substance	Biodegradability	Test	Result
No data available.			

**12.3. Bioaccumulative potential**

Substance	Potential bioaccumulation	LogPow	BFC
No data available.			

**12.4. Mobility in soil**

No data available

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

No data available

**12.6. Other adverse effects**

No data available

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

The product is not covered by the regulations on dangerous waste.

**Waste**

EWC code

-

**Specific labelling**

-

**Contaminated packing**

No specific requirements

**SECTION 14: Transport information**

Not listed as dangerous goods under ADR and IDMG regulations.

**14.1 – 14.4**

ADR/RID	14.1. UN number	14.2. UN proper shipping name	14.3. Transport hazard class(es)	14.4. Packing group	Notes
IMDG	UN-no.	Proper Shipping Name	Class	PG*	EmS MP** Hazardous constituent



According to EC-Regulation 1907/2006 (REACH)

**IATA/ICAO      UN-no.      Proper Shipping Name      Class      PG\***

**14.5. Environmental hazards**

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**14.6. Special precautions for user**

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**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

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(\*) Packing group

(\*\*) Marine pollutant

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Restrictions for application**

-

**Demands for specific education**

-

**Additional information**

-

**Sources**

EC regulation 1907/2006 (REACH)

Directive 2000/532/EC

EC Regulation 1272/2008 (CLP)

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information'****Full text of H/R-phrases as mentioned in section 3**

R36 - Irritating to eyes.

H319 - Causes serious eye irritation.

**The full text of identified uses as mentioned in section 1**

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**Other symbols mentioned in section 2**

-

**Other**

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

**The safety data sheet is validated by**

HBK /Danish Technological Institute

**Date of last essential change  
(First cipher in SDS version)**

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**Date of last minor change  
(Last cipher in SDS version)**

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