



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)

-

Safety statement(s)	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

-

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 ³)
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*
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14.5. Environmental hazards

-

14.6. Special precautions for user

-

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

-

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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