

Summary of product characteristics for a biocidal product

Product name: Sodium Benzoate 9%

Product type(s): PT06 - Preservatives for products during storage (Preservatives)

Authorisation number: 877-1

R4BP 3 asset reference number: EU-0025239-0000

Table Of Contents

Administrative information	1
1.1. Trade names of the product	1
1.2. Authorisation holder	1
1.3. Manufacturer(s) of the biocidal products	1
1.4. Manufacturer(s) of the active substance(s)	2
2. Product composition and formulation	2
2.1. Qualitative and quantitative information on the composition of the biocidal product	2
2.2. Type of formulation	3
3. Hazard and precautionary statements	3
4. Authorised use(s)	3
5. General directions for use	5
5.1. Instructions for use	5
5.2. Risk mitigation measures	5
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	5
5.4. Instructions for safe disposal of the product and its packaging	5
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	5
6. Other information	6

Administrative information

1.1. Trade names of the product

Sodium Benzoate 9%

1.2. Authorisation holder

Name and address of the authorisation holder	Name	DSM Nutritional Products GmbH
	Address	Emil-Barell-Str. 3 79639 Grenzach-Wyhlen Germany
Authorisation number	877-1	
R4BP 3 asset reference number	EU-0025239-0000	
Date of the authorisation	24/11/2020	
Expiry date of the authorisation	16/07/2030	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	DSM Food Specialties B.V.
Address of the manufacturer	Alexander Fleminglaan 1 2613 AX Delft Netherlands
Location of manufacturing sites	Alexander Fleminglaan 1 2613 AX Delft Netherlands
Name of the manufacturer	DSM Food Specialties France S.A.S.
Address of the manufacturer	15, rue des Comtesses, B.P. 50239 59472 SECLIN Cedex, Nord-Pas-de-Calais France
Location of manufacturing sites	15, rue des Comtesses, B.P. 50239 59472 SECLIN Cedex, Nord-Pas-de-Calais France

Name of the manufacturer	DSM Nutritional Products GmbH
Address of the manufacturer	Emil-Barell-Str. 3 D-79639 Grenzach-Wyhlen Germany
Location of manufacturing sites	Emil-Barell-Str. 3 D-79639 Grenzach-Wyhlen Germany

Name of the manufacturer	Capua BioServices S.p.A.
Address of the manufacturer	Strada Statale Appia 46/48 81043 Capua (Caserta) Italy
Location of manufacturing sites	Strada Statale Appia 46/48 81043 Capua (Caserta) Italy

1.4. Manufacturer(s) of the active substance(s)

Active substance	1423 - Sodium benzoate
Name of the manufacturer	Emerald Kalama Chemical BV
Address of the manufacturer	Vopak Terminal Botlek, Montrealweg 15 3197 KH Botlek Rotterdam Netherlands
Location of manufacturing sites	Vopak Terminal Botlek, Montrealweg 15 3197 KH Botlek Rotterdam Netherlands

2. Product composition and formulation

2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Sodium benzoate		Active Substance		208-534-8	9

2.2. Type of formulation

AL - Any other liquid

3. Hazard and precautionary statements

Hazard statements

Precautionary statements

4. Authorised use(s)

4.1 Use description

Use 1 - Enzyme preservative

Product type

PT06 - Preservatives for products during storage (Preservatives)

Where relevant, an exact description of the authorised use

The product is used to preserve enzymes. Enzymes are proteins and they lose activity when they are biodegraded. In order to preserve enzymes, enzyme manufacturers formulate them together with sodium benzoate. The resultant enzyme products are transported and kept on shelves at ambient temperature.

Target organism(s) (including development stage)

Scientific name: *Pseudomonas aeruginosa*
Common name: Bacteria, aerobic Gram-negative
Development stage: Bacterial spores|Bacteria

Scientific name: *Staphylococcus aureus*
Common name: Bacteria, aerobic Gram-negative
Development stage: Bacterial spores|Bacteria

Scientific name: *Escherichia coli*
Common name: Bacteria, aerobic Gram-negative
Development stage: Bacterial spores|Bacteria

Scientific name: *Candida albicans*
Common name: Fungi/yeasts
Development stage: Spores and spore producing structures

Scientific name: *Aspergillus brasiliensis*
Common name: Fungi/yeasts
Development stage: Spores and spore producing structures

Scientific name: *Aspergillus niger*
Common name: Fungi/yeasts
Development stage: Spores and spore producing structures

Scientific name: *Talaromyces/Rasamsonia emersonii*
Common name: Fungi/yeasts
Development stage: Spores and spore producing structures

Field(s) of use	Indoor Stored product protection.
Application method(s)	Stored product protection /Food protection - The biocidal product may be applied in either of the 2 steps depending of the use of the final product: 1. During the final steps of the fermentation 2. After separation of the fermentation broth from the microorganisms
Application rate(s) and frequencies	The product is applied during formulation of the final product. - The final concentration at which the active substance will be used is 9.9 % in the biocidal product. - The product is applied directly to the batch process, normally just one time.
Category(ies) of users	Industrial
Pack sizes and packaging material	>=1000 L stainless steel tanks, 1000 L IBC containers, HDPE.

4.1.1 Use-specific instructions for use

4.1.2 Use-specific risk mitigation measures

4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

5. General directions for use

5.1. Instructions for use

Avoid contact with skin and eyes. If risk of contact, use personal protection, gloves and eye protection.

5.2. Risk mitigation measures

The biocidal product is not classified as hazardous to human health or the environment.

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

The biocidal product is not classified as hazardous to human health or the environment.

Description of first-aid measures

Inhalation: Remove person to fresh air. If signs/symptoms continue, get medical attention. Show this safety data sheet to the doctor in attendance.

Skin contact: Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. If symptoms persist, call a doctor. Show this safety data sheet to the doctor in attendance.

Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.

Ingestion: Rinse mouth with water and drink plenty of water. If symptoms persist, call a doctor. Show this safety data sheet to the doctor in attendance.

Accidental release measures

No special environmental precautions required.

5.4. Instructions for safe disposal of the product and its packaging

Dispose of in accordance with local regulations. Waste water should be discharged to sewage treatment plant. Waste codes should be assigned by the user based on the application for which the product was used.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep container tightly closed. Store in a dry and cool place. Handle in accordance with good industrial hygiene and safety practice. Shelf-life: 4 weeks at ambient temperature.

6. Other information

--