



## Safety Data Sheet according to (EC) No 1907/2006 as amended

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**Bloo Fizz Tabs**

SDS No. : 535386

V001.1

Revision: 02.10.2023

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Replaces version from: 25.03.2020

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

#### 1.1. Product identifier

Bloo Fizz Tabs

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

Intended use:

total WC care

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

Henkel Ltd.

Wood Lane End, Hemel Hempstead

HP2 Hertfordshire

4RQ

Phone: +44 (0) 1442 278000

consumer.response@henkel.com

#### 1.4. Emergency telephone number

0800 051 4433 (Monday to Friday from 9.00 to 17:00)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 (CLP):

Skin Irrit. 2

H315 Causes skin irritation.

Eye Dam. 1

H318 Causes serious eye damage.

Aquatic Chronic

H412 Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Label elements (CLP):

##### Hazard pictogram:



##### Signal word:

Danger

**Hazard statement:** H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.

**Precautionary statement:** P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P280 Wear protective gloves/eye protection.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor.  
P501 Dispose of contents/container in accordance with national regulation.

**Contains:**  
Sulfamic acid

### 2.3. Other hazards

None if used properly.

Following substances are present in a concentration  $\geq$  the concentration limit for depiction in Section 3 and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):

This mixture does not contain any substances in a concentration  $\geq$  the concentration limit for depiction in Section 3 that are assessed to be a PBT, vPvB or ED.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous components CAS-No. EC Number REACH-Reg No.	Concentration	Classification	Specific Conc. Limits, M-factors and ATEs	Add. Information
Sulfamic acid 5329-14-6 226-218-8 01-2119488633-28	$\geq 60$ - $< 80$ %	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Aquatic Chronic 3, H412		
Sodium carbonate 497-19-8 207-838-8 01-2119485498-19	$\geq 20$ - $< 40$ %	Eye Irrit. 2, H319		

If no ATE values are displayed, please refer to LD/LC50 values in Section 11.  
For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General information:  
In case of adverse health effects seek medical advice.

Inhalation:  
Move to fresh air. In case of breathing difficulties seek immediate medical advise.

**Skin contact:**

Rinse with water. Take off all clothing contaminated by the product.

**Eye contact:**

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

**Ingestion:**

Do not induce vomiting, seek medical advice immediately.

Rinse mouth with water, (only if the person is conscious).

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

After inhalation: Irritation of the respiratory tract, coughing. Inhalation of larger amounts may cause laryngospasm with shortness of breath.

After skin contact: Temporary irritation of the skin (redness, swelling, burning).

After eye contact: Moderate to strong irritation of the eyes (redness, swelling, burning, watering eyes).

After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting.

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

After inhalation: No special action.

After skin contact: No special action.

After eye contact: No special action.

After ingestion: Do not induce vomiting. Single administration of a non-carbonated beverage (water or tea).

After ingestion: In case of ingestion of larger or unknown quantities administer a defoamer (Dimeticon or Simeticon).

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

Suitable extinguishing media:

Water spray jet (if possible, avoid full jet). Adapt the fire-fighting measures to the environmental conditions. Commercially available extinguishers are suitable for fighting incipient fires. The product itself does not burn.

**Extinguishing media which must not be used for safety reasons:**

None

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

Hazardous combustion products can be formed by pyrolysis and/or carbon monoxide.

**5.3. Advice for firefighters**

Use personal protective equipment and self-contained breathing apparatus.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

If large amounts are released contact the fire service.

Avoid contact with skin and eyes.

Ensure adequate ventilation.

**6.2. Environmental precautions**

Do not empty into drains / surface water / ground water.

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

Remove mechanically. Rinse away residue with plenty of water.

**6.4. Reference to other sections**

See advice in section 8

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

No special measures required if used properly.

**Hygiene measures:**

Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water, skin care.

Protective equipment only required in case of industrial use or for large packs (not for household packs)

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

Store dry at between +5 and +40°C.  
Consider national regulations.

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

total WC care

**SECTION 8: Exposure controls/personal protection**

Only relevant for professional/industrial use

**8.1. Control parameters**

Valid for  
Great Britain

Contains no components with occupational exposure limit values.

**8.2. Exposure controls**

Respiratory protection:  
Not needed.

Hand protection:

For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Eye protection:  
Wear tight fitting goggles.

Skin protection:  
Protective clothing against chemicals. Observe manufacturer's instructions.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Appearance	tablet round, hard light pink/red white light pink/red, speckles, blue
Odor	citric
Physical state	solid
Melting point	Determination technically not possible
Initial boiling point	Currently under determination
Flammability	The product is not flammable.

Explosive limits	Not applicable, Product is a solid.
Flash point	Not applicable
Auto-ignition temperature	Not applicable, Product is a solid.
Decomposition temperature	Mixture is not self-reactive and does not decompose or explode when used as intended
pH (20 °C (68 °F); Conc.: 1 % product; Solvent: Water)	1,60 - 1,80 pH/aqueous solutions, dispersions/pH meter::97001401
Viscosity (kinematic)	Not applicable, Product is a solid.
Solubility (qualitative)	soluble in water
Partition coefficient: n-octanol/water	Not applicable, product is an ionic mixture
Vapour pressure	Currently under determination
Density (20 °C (68 °F))	1,790 - 1,830 g/cm <sup>3</sup> Supplier's method
Relative vapour density:	Not applicable, Product is a solid.
Particle characteristics	Particle Size - D10 0,09 mm
Particle characteristics	Particle Size - D50 0,35 mm
Particle characteristics	Particle Size - D90 0,89 mm

## 9.2. Other information

### 9.2.1. Information with regard to physical hazard classes

### 9.2.2. Further safety characteristics

Acid-/Alkali reserve (buffer capacity for mixtures with extreme pH values)

Value [g (NaOH)/100 g]

13,3; Alkali reserve/D+C/Young::00313400

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reaction with strong alkaline and/or hypochlorite-containing cleansers / disinfectants: Production of heat and/or chlorine gas

### 10.2. Chemical stability

Stable under normal conditions of temperature and pressure.

### 10.3. Possibility of hazardous reactions

See section reactivity

### 10.4. Conditions to avoid

No decomposition if used according to specifications.

### 10.5. Incompatible materials

Containers and/or surfaces made of acid-sensitive materials, e.g. marble

### 10.6. Hazardous decomposition products

No decomposition if used according to specifications.

## SECTION 11: Toxicological information

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute oral toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sulfamic acid 5329-14-6	LD50	2.065 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Sodium carbonate 497-19-8	LD50	2.800 mg/kg	rat	not specified

**Acute dermal toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Sulfamic acid 5329-14-6	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)
Sodium carbonate 497-19-8	LD50	> 2.000 mg/kg	rabbit	EPA 16 CFR 1500.40 (Method of testing toxic substances)

**Acute inhalative toxicity:**

No data available.

**Skin corrosion/irritation:**

The product has not to be classified and labeled as corrosive based on data of an OECD 430 Test with a similar mixture.  
The product has not to be classified and labeled as corrosive based on data of an OECD 431 Test with a similar mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Sulfamic acid 5329-14-6	irritating	4 h	rabbit	Patch Test
Sodium carbonate 497-19-8	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

**Serious eye damage/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Sulfamic acid 5329-14-6	irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Sodium carbonate 497-19-8	irritating		rabbit	not specified

**Respiratory or skin sensitization:**

No data available.

**Germ cell mutagenicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Sulfamic acid 5329-14-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Sodium carbonate 497-19-8	negative	bacterial reverse mutation assay (e.g Ames test)	with		Ames Test

**Carcinogenicity**

No data available.

**Reproductive toxicity:**

No data available.

**STOT-single exposure:**

No data available.

**STOT-repeated exposure:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Sulfamic acid 5329-14-6	NOAEL 10000 ppm	oral: feed	90 days Daily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

**Aspiration hazard:**

No data available.

**11.2 Information on other hazards**

not applicable

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Toxicity (Fish):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfamic acid 5329-14-6	LC50	70,3 mg/l	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
Sulfamic acid 5329-14-6	NOEC	60 mg/l	34 d	Danio rerio	OECD Guideline 210 (fish early lite stage toxicity test)
Sodium carbonate 497-19-8	LC50	300 mg/l	96 h	Lepomis macrochirus	OECD Guideline 203 (Fish, Acute Toxicity Test)

**Toxicity (aquatic invertebrates):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfamic acid 5329-14-6	EC50	71,6 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Sodium carbonate 497-19-8	EC50	> 200 - 227 mg/l	48 h	Ceriodaphnia sp.	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

**Chronic toxicity (aquatic invertebrates):**

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfamic acid 5329-14-6	NOEC	19 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

**Toxicity (Algae):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfamic acid 5329-14-6	EC50	48 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Sulfamic acid 5329-14-6	EC10	29,5 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Sodium carbonate 497-19-8	EC50	137 mg/l	5 d	Nitzschia sp.	OECD Guideline 201 (Alga, Growth Inhibition Test)

**Toxicity (microorganisms):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Sulfamic acid 5329-14-6	EC50	> 200 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

Does not bioaccumulate.

No substance data available.

**12.4. Mobility in soil**

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	LogPow	Temperat ure	Method
Sulfamic acid 5329-14-6	0,1	20 °C	EPA OPPTS 830.7550 (Partition Coefficient, n-octanol / H2O, Shake Flask Method)

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

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	PBT / vPvB
Sulfamic acid 5329-14-6	According to Annex XIII to Regulation (EC) No 1907/2006, a PBT and vPvB assessment shall not be conducted for inorganic substances.
Sodium carbonate 497-19-8	According to Annex XIII to Regulation (EC) No 1907/2006, a PBT and vPvB assessment shall not be conducted for inorganic substances.

**12.6. Endocrine disrupting properties**

not applicable

**12.7. Other adverse effects**

Other adverse effects of this product for the environment are not known to us.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product disposal:  
Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:  
Only completely empty containers are to be disposed of as recoverable materials.

### SECTION 14: Transport information

- 14.1. UN number or ID number**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.2. UN proper shipping name**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.3. Transport hazard class(es)**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.4. Packing group**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.5. Environmental hazards**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.6. Special precautions for user**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**  
not applicable

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Declaration of ingredients according to Detergent Regulation 648/2004/EC

< 5 %	anionic surfactants
	aliphatic hydrocarbons
Further ingredients	Perfumes
	Amyl cinnamal
	Limonene

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out.

**SECTION 16: Other information**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

ED:	Substance identified as having endocrine disrupting properties
EU OEL:	Substance with a Union workplace exposure limit
EU EXPLD 1:	Substance listed in Annex I, Reg (EC) No. 2019/1148
EU EXPLD 2	Substance listed in Annex II, Reg (EC) No. 2019/1148
SVHC:	Substance of very high concern (REACH Candidate List)
PBT:	Substance fulfilling persistent, bioaccumulative and toxic criteria
PBT/vPvB:	Substance fulfilling persistent, bioaccumulative and toxic plus very persistent and very bioaccumulative criteria
vPvB:	Substance fulfilling very persistent and very bioaccumulative criteria

**Further information:**

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

This Safety Data Sheet contains changes from the previous version in Section(s):	1,2,3,9,11,12,14,16
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