

# SAFETY DATA SHEET

# **Antibacterial Soap RTU**

# SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE **COMPANY/UNDERTAKING**

#### 1.1. **Product identifier**

Trade name:

Antibacterial Soap RTU

Product no.:

C40024

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

*Relevant identified uses of the* substance or mixture:

Use descriptors (UK REACH):

Cleaning product Restricted to professional users.

Product category	Description
	Washing and Cleaning Products (including solvent based products)

Uses advised against :

Uses other than those identified are not recommended

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

Company and address:	<b>BFS Group Ltd</b> 814 Leigh Road SL1 4BD Slough United Kingdom Responsible Person for SDS: +44(0)1328851407 www.caterfoodbg.co.uk
▼ E-mail:	chemists@anglianchemicals.com
Revision:	14/12/2023
SDS Version:	1.0
Date of previous version:	02/12/2023 (1.0)

#### **Emergency telephone number** 1.4.

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

### **SECTION 2: HAZARDS IDENTIFICATION**

### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### 2.2. Label elements

Hazard pictogram(s):	Not applicable.
Signal word:	Not applicable.
Hazard statement(s):	Not applicable.



Precautionary statement(s):	
General:	-
Prevention:	-
Response:	-
Storage:	-
Disposal:	-
Hazardous substances:	None known.
Additional labelling:	EUH210, Safety data sheet available on request. Active substance(s): L-(+)-lactic acid; (2S)-2-hydroxypropanoic acid (0.8 g/100g) Sodium benzoate (0.25 g/100g) bronopol (INN);2-bromo-2-nitropropane-1,3-diol (0.0495 g/100g) Methylchloroisothiazolinone, Methylisothiazolinone (0.00165 g/100g)
Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:	< 5% • Amphoteric surfactants • Anionic surfactants • Preservation agent (SODIUM BENZOATE) • Preservation agent (Bronopol) • Preservation agent (Methylchloroisothiazolinone & Methylisothiazolinone)
Other hazards	
Additional warnings:	Cosmetic products are exempt classification rules, but must comply with the cosmetics legislation. This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

## 3.1. Substances

Not applicable. This product is a mixture.

# 3.2. Mixtures

2.3.

Product/substance	Identifiers	% w/w	Classification	Note
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No.: 68891-38-3 EC No.: 500-234-8 UK-REACH: Index No.:	3-5%	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	[19]
L-(+)-lactic acid; (2S)-2- hydroxypropanoic acid	CAS No.: 79-33-4 EC No.: 201-196-2 UK-REACH:	<1%	EUH071 Skin Corr. 1C, H314 Eye Dam. 1, H318	



	Index No.: 607-743-00-5			
Sodium benzoate	CAS No.: 532-32-1 EC No.: 208-534-8 UK-REACH: Index No.:	<1%	Eye Irrit. 2, H319	
bronopol (INN);2-bromo- 2-nitropropane-1,3-diol	CAS No.: 52-51-7 EC No.: 200-143-0 UK-REACH: Index No.: 603-085-00-8	<0.05%	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411	
Methylchloroisothiazolino ne, Methylisothiazolinone		<0.01%	EUH071 Acute Tox. 3, H301 Acute Tox. 1, H310 Skin Corr. 1C, H314 (SCL: 0.60 %) Skin Sens. 1A, H317 (SCL: 0.0015 %) Eye Dam. 1, H318 (SCL: 0.60 %) Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

## **Other information**

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

### 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 persist. Never give an unconscious person water or other drink.
Inhalation:	Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.
Skin contact:	Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.
Eye contact:	If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.
Ingestion:	If the person is conscious, rinse the mouth with water and



stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns:

### Not applicable.

- **4.2.** Most important symptoms and effects, both acute and delayed None known.
- **4.3. Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

### Information to medics

Bring this safety data sheet or the label from this product.

### **SECTION 5: FIREFIGHTING MEASURES**

### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist. Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters. If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are: Halogenated compounds Some metal oxides

### 5.3. Advice for firefighters

Fire fighters should wear appropriate personal protective equipment.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

- **6.1. Personal precautions, protective equipment and emergency procedures** Contaminated areas may be slippery.
- **6.2. Environmental precautions** Avoid discharge to lakes, streams, sewers, etc. Keep unauthorized persons away from the spill
- 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.



See section 8 "Exposure controls/personal protection" for protective measures.

### SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area. See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:Keep only in original packaging.Storage temperature:Dry, cool and well ventilatedIncompatible materials:Strong acids, strong bases, strong oxidizing agents, and<br/>strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

### DNEL

### Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	79 µg/cm²
Long term – Local effects - Workers	Dermal	132 µg/cm²
Long term – Systemic effects - General population	Dermal	1650 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2750 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	52 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	175 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	15 mg/kg bw/day

### bronopol (INN);2-bromo-2-nitropropane-1,3-diol

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	4 μg/cm²
Long term – Local effects - Workers	Dermal	8 μg/cm²
Long term – Systemic effects - General population	Dermal	700 µg/kgbw/day
Long term – Systemic effects - Workers	Dermal	2 mg/kg bw/day
Short term – Local effects - General population	Dermal	4 μg/cm²
Short term – Local effects - Workers	Dermal	8 μg/cm²
Short term – Systemic effects - General population	Dermal	2.1 mg/kg bw/day



Short term – Systemic effects - Workers	Dermal	6 mg/kg bw/day
Long term – Local effects - General population	Inhalation	600 µg/m³
Long term – Local effects - Workers	Inhalation	2.5 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	600 µg/m³
Long term – Systemic effects - Workers	Inhalation	3.5 mg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	600 µg/m³
Short term – Local effects - Workers	Inhalation	2.5 mg/m <sup>3</sup>
Short term – Systemic effects - General population	Inhalation	1.8 mg/m <sup>3</sup>
Short term – Systemic effects - Workers	Inhalation	10.5 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	180 µg/kgbw/day
Short term – Systemic effects - General population	Oral	500 µg/kgbw/day

Methylchloroisothiazolinone, Methylisothiazolinone

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	20 µg/m³
Long term – Local effects - Workers	Inhalation	20 µg/m³
Short term – Local effects - General population	Inhalation	40 µg/m³
Short term – Local effects - Workers	Inhalation	40 µg/m³
Long term – Systemic effects - General population	Oral	90 µg/kgbw/day
Short term – Systemic effects - General population	Oral	110 µg/kgbw/day

# Sodium benzoate

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	31.25 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	62.5 mg/kg bw/day
Long term – Local effects - General population	Inhalation	60 µg/m³
Long term – Local effects - Workers	Inhalation	100 µg/m³
Long term – Systemic effects - General population	Inhalation	1.5 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	3 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	16.6 mg/kg bw/day

### **PNEC**

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		240 µg/L
Freshwater sediment		916.8 µg/kg
Intermittent release (freshwater)		71 μg/L
Marine water		24 µg/L
Marine water sediment		91.7 µg/kg
Sewage treatment plant		10 g/L



430 µg/L

500 µg/kg

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Soil		7.5 mg/kg
bronopol (INN);2-bromo-2-nitropropane-1,	,3-diol	
Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		10 µg/L
Freshwater sediment		41 µg/kg
Intermittent release (freshwater)		2.5 µg/L
Marine water		800 ng/L
Marine water sediment		3.28 µg/kg

Methylchloroisothiazolinone, Methylisothiazolinone

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		3.39 µg/L
Freshwater sediment		27 µg/kg
Intermittent release (freshwater)		3.39 µg/L
Intermittent release (marine water)		3.39 µg/L
Marine water		3.39 µg/L
Marine water sediment		27 μg/kg
Sewage treatment plant		230 µg/L
Soil		10 µg/kg

### Sodium benzoate

Sewage treatment plant

Soil

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		581 µg/L
Freshwater sediment		2.5 mg/kg
Intermittent release (freshwater)		58.1 µg/L
Intermittent release (marine water)		5.81 ng/L
Marine water		58.1 µg/L
Marine water sediment		250 µg/kg
Predators		300 mg/kg
Sewage treatment plant		10 mg/L
Soil		158.7 µg/kg

## 8.2.

**Exposure controls** Control is unnecessary if the product is used as intended.

General recommendations:	Smoking, drinking and consumption of food is not allowed in the work area.
Exposure scenarios:	There are no exposure scenarios implemented for this product.
Exposure limits:	Occupational exposure limits have not been defined for the substances in this product.



Appropriate technical measures:	Apply standard precautions during use of the product. Avoid inhalation of vapours.
Hygiene measures:	In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.
Measures to avoid environmental exposure:	No specific requirements.

# Individual protection measures, such as personal protective equipment

Generally:

Use only UKCA marked protective equipment.

Respiratory Equipment:

Туре	Class	Colour	Standards	
Ensure there is sufficient ventilation.				

### Skin protection:

Skin protection.			
Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

### Hand protection:

Material		Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

### Eye protection:

Туре	Standards	
Safety glasses	EN166	

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

# 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Turquoise
Odour / Odour threshold:	None
pH:	6-7
Density (g/cm³):	Testing not relevant or not possible due to the nature of the product.
Kinematic viscosity:	Testing not relevant or not possible due to the nature of the product.
Particle characteristics:	Does not apply to liquids.
Phase changes	



	Melting point/Freezing point (°C):	Testing not relevant or not possible due to the nature of the product.
	Softening point/range (waxes and pastes) (°C):	Does not apply to liquids.
	Boiling point (°C):	Testing not relevant or not possible due to the nature of the product.
	Vapour pressure:	Testing not relevant or not possible due to the nature of the product.
	Relative vapour density:	Testing not relevant or not possible due to the nature of the product.
	Decomposition temperature (°C):	Testing not relevant or not possible due to the nature of the product.
Data	on fire and explosion hazards	
	Flash point (°C):	Testing not relevant or not possible due to the nature of the product.
	Flammability (°C):	Testing not relevant or not possible due to the nature of the product.
	Auto-ignition temperature (°C):	Testing not relevant or not possible due to the nature of the product.
	Lower and upper explosion limit (% v/v):	Testing not relevant or not possible due to the nature of the product.
Solub	ility	
	Solubility in water:	Completely soluble
	n-octanol/water coefficient (LogKow):	Testing not relevant or not possible due to the nature of the product.
	Solubility in fat (g/L):	Testing not relevant or not possible due to the nature of the product.
9.2.	Other information	
	Oxidizing properties:	Testing not relevant or not possible due to the nature of the product.
	Other physical and chemical parameters:	No data available.

# **SECTION 10: STABILITY AND REACTIVITY**

- **10.1. Reactivity** No data available.
- **10.2.** Chemical stability The product is stable under the conditions, noted in section 7 "Handling and storage".
- **10.3.** Possibility of hazardous reactions None known.
- **10.4.** Conditions to avoid None known.



### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing 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 hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

### Acute toxicity

Based on available data, the classification criteria are not met.

### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

### Serious eye damage/irritation

Based on available data, the classification criteria are not met.

### **Respiratory sensitisation**

Based on available data, the classification criteria are not met.

### Skin sensitisation

May cause an allergic skin reaction.

### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

### Carcinogenicity

Based on available data, the classification criteria are not met.

### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

### STOT-single exposure

Based on available data, the classification criteria are not met.

### STOT-repeated exposure

Based on available data, the classification criteria are not met.

### Aspiration hazard

Based on available data, the classification criteria are not met.

## 11.2. Information on other hazards

### Long term effects

None known.

### **Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

### **Other information**

None known.

### **SECTION 12: ECOLOGICAL INFORMATION**

# 12.1. Toxicity



No data available.

### 12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

- **12.3. Bioaccumulative potential** No data available.
- **12.4.** Mobility in soil No data available.
- **12.5. Results of PBT and vPvB assessment** This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

## 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

**12.7.** Other adverse effects None known.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

### Waste treatment methods

Product is not covered by regulations on dangerous waste. Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

### **EWC code**

Not applicable.

# Specific labelling

### **Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

### **SECTION 14: TRANSPORT INFORMATION**

		14.2 UN proper shipping name	14.3 Hazard class(es)			Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

**Additional information** 

Not dangerous goods according to ADR, IATA and IMDG.

# 14.6. Special precautions for user

Not applicable.



# **14.7.** Maritime transport in bulk according to IMO instruments No data available.

# **SECTION 15: REGULATORY INFORMATION**

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

•••••••••••••	
Restrictions for application:	Restricted to professional users.
Demands for specific education:	No specific requirements.
SEVESO - Categories / dangerous substances:	Not applicable.
Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:	< 5% • Amphoteric surfactants • Anionic surfactants • Preservation agent (SODIUM BENZOATE) • Preservation agent (Bronopol) • Preservation agent (Methylchloroisothiazolinone & Methylisothiazolinone)
Ingredients. Labelling of contents according to Regulation 1223/2009 on cosmetic products as retained and amended in UK law:	SODIUM LAURETH SULFATE (SURFACTANTS), COCAMIDOPROPYL BETAINE (SURFACTANTS), Bronopol (PRESERVATIVES)
Additional information:	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Sources:	Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. In accordance with Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products as retained and amended in UK law. Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law. Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law. Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

# 15.2. Chemical safety assessment

No



### **SECTION 16: OTHER INFORMATION**

## Full text of H-phrases as mentioned in section 3

### EUH071, Corrosive to the respiratory tract.

- H301, Toxic if swallowed.
- H302, Harmful if swallowed.

### H310, Fatal in contact with skin.

H312, Harmful in contact with skin.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H330, Fatal if inhaled.

H335, May cause respiratory irritation.

H400, Very toxic to aquatic life.

H410, Very toxic to aquatic life with long lasting effects.

H411, Toxic to aquatic life with long lasting effects.

H412, Harmful to aquatic life with long lasting effects.

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

PC 35 = Washing and Cleaning Products (including solvent based products)

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as

modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development



PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail RRN = REACH Registration Number SCL = A specific concentration limit SVHC = Substances of Very High Concern STOT-RE = Specific Target Organ Toxicity - Repeated Exposure STOT-SE = Specific Target Organ Toxicity - Single Exposure TWA = Time weighted average UN = United Nations UVBC = Unknown or variable composition, complex reaction products or of biological materials VOC = Volatile Organic Compound vPvB = Very Persistent and Very Bioaccumulative

### Additional information

In accordance with UK-REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required by UK-REACH.

## ▼ The safety data sheet is validated by

Anglian Chemicals

### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

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.

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. Country-language: GB-en