

## SAFETY DATA SHEET

(according to Regulation (EC) of the European Parliament and of the Council no. 1907/2006 (REACH))

Date of issue: 26.05.2020/ Version 1.0	Page: 1/8
Product name:	<b>SANITARY GEL</b>

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

#### 1.1. Product identifier

Product identifier: **SANITARY GEL**  
Other names/identifiers: None  
Product type: Cosmetic product  
Registration number: *The product is not subject to the requirements for compiling a safety data sheet according to REACH.  
The safety data sheet is for information purposes only.*

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

Identified uses: Hand gel. Cosmetic product.  
Unadvisable uses: Other than intended uses.

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

Name or trade name: **BestClean spol. s r.o.**  
Registered office/place of business: Linecká 260, 382 41 Kaplice  
Czech Republic  
Identification No.: 05385270  
Telephone: +420 380 331 086  
E-mail address for a competent person responsible for the safety data sheet: info@bestclean.cz

#### 1.4. Emergency telephone number

**112 (24-hour service)** – applicable to EU countries only  
UK: 844 892 0111 (24hrs)  
Regional Medicines and Poisons Information Centre NI, Pharmacy Department, Royal Hospital Suite, Grosvenor Road, Belfast

### SECTION 2: Hazards identification

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

##### Classification according to EC 1272/2008

The mixture is classified as hazardous within the meaning of Regulation (EC) no. 1272/2008

**Flam. Liq. 2, H225**

**Eye Irrit. 2, H319**

The full texts of all classifications, standard phrases regarding dangerous properties are given in Section 16.

*The product is a cosmetic product. Cosmetic products are not subject to classification according to Regulation (EC) No. 1272/2008 (CLP).*

##### The most important adverse physicochemical, human health and environmental effects

According to CLP: Highly flammable liquid and vapour. Causes serious eye irritation.


**The safety of the product has been assessed in accordance with Regulation (EC) No 1223/2009 on cosmetic products: see COSMETIC PRODUCT SAFETY REPORT**

The full texts of all classifications, standard phrases regarding dangerous properties are given in Section 16.

#### 2.2. Label elements

*The product is a cosmetic product - not subject to labeling criteria according to Regulation (EC) No. 1272/2008 (CLP)*

Labelling according to EC 1272/2008: **does not apply to cosmetic products**

Chemical name of the dangerous substances:	-
Danger symbol(s) and identification of danger:	

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Signal Word:	Danger
Hazard Statement:	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation.
Precautionary Statement:	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/attention. P501 Dispose of contents/container to a hazardous waste collection point.
Additional information on the label:	-

The product must be labeled in accordance with Regulation (EC) No. 1223/2009 on cosmetic products.

Other information: see section 16

### 2.3. Other hazards

The mixture does not contain substances meeting the criteria for classification as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

The product is not a substance.

### 3.2. Mixtures

Substance identifier (registration number)	Conc. (wt. %)	Index No. CAS No. EC No.	Classification according to EC 1272/2008	Note / CSL
ethanol (01-2119457610-43)	≤ 60	603-002-00-5 64-17-5 200-578-6	Flam. Liq. 2, H225 Eye Irrit. 2, H319	Eye Irrit. 2, H319: C ≥ 50 %
n-butanol 01-2119484630-38-xxxx	< 2	603-004-00-6 71-36-3 200-751-6	Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 STOT SE 3, H336	
butanone 01-2119457290-43-xxxx	< 1	606-002-00-3 78-93-3 201-159-0	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	(EUH066)

Full text of each relevant hazard statement described in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

If health problems occur, or in case of doubt, seek medical advice and provide him with the data from this safety data sheet or label. Follow usual rules and precautions for handling chemicals and hygienic measures. Never give anything by mouth to an unconscious person.

<i>Inhalation:</i>	In case of inhalation and/or respiratory tract irritation, discontinue exposure, provide fresh air. Keep the victim calm and warm. In the event that the person is unconscious, put her in the recovery position. In case of irregular breathing or stopping breath provide first aid. Seek medical attention if symptoms persist.
<i>Skin contact:</i>	Remove contaminated clothing. Wash affected areas thoroughly with soap and water. If symptoms persist consult a doctor.

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<i>Eye contact:</i>	Immediately flush eyes wide open with running water for at least 15 minutes. Remove contact lenses when rinsing. Seek medical attention.
<i>Ingestion:</i>	Leave the victim to rest, drink about 3 dcl of water. Induce vomiting in consultation with a doctor. Provide medical treatment as soon as possible (produce safety data sheet or label).

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

*After inhalation:* may have narcotic effects

*After skin contact:* may cause dryness, slight irritation

*After eye contact:* causes serious eye irritation (burning, redness, tearing)

*After swallowing:* can cause symptoms similar to drunkenness

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

Notes to physician: Treat symptomatically.

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## SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

Suitable extinguishing media: water spray, water mist, CO<sub>2</sub>, alcohol resistant foam

Unsuitable extinguishing media: direct jet of water

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

Highly flammable liquid and vapor. It can catch fire due to high temperatures, sparks or open flame. Inhalation of decomposition products may be hazardous to health; carbon monoxide, carbon dioxide may be the product of incomplete combustion.

### 5.3. Advice for firefighters

Protective clothing and self-contained breathing apparatus (EN 137) should be used. Use non-flammable protective clothing, personal protective equipment. Remove containers from fire area if safe to do so. Cool containers exposed to fire with water spray. Avoid leakage of extinguishing media into drains and water supplies.

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## SECTION 6: Accidental release measures

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

*Protective equipment for non-emergency personnel*

Do not inhale vapours. Avoid direct contact of the product with skin and eyes. In the event of a large spill, evacuate the area and do not allow untrained persons to enter. Minimize number of persons in affected area. Stay on the windward side. Use personal protective equipment, see Section 8.

*Protective equipment for emergency responders*

Mark and isolate leak place. Prevent further leakage and spread. Dispose of with suitable non-combustible sorption material. Use personal protective equipment, see Section 8.

### 6.2. Environmental precautions

Do not allow mixture to enter drains, surface waters, ground water, soil. Inform competent authorities if large quantities are leaked.

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

In case of accidental leakage, cover the sewer inlet. Prevent further leakage. Pour larger amounts into labelled containers. Absorb residues into non-combustible material (sand, earth, vermiculite, diatomaceous earth) and store contaminated sorbent in labelled containers and proceed according to section 13. Wash contaminated area with water and detergent. Do not use organic solvents.

### 6.4. Reference to other sections

Also observe the provisions of sections 7, 8 and 13 of this safety data sheet.

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## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

Follow usual rules and precautions for handling chemicals and hygienic measures. Do not eat, drink or smoke while using the product. Wear personal protective equipment as specified in Section 8 when working. Avoid contact with skin and eyes. Keep contaminated clothing away from sources of ignition, wash it before reuse. Wash hands after completion of work and remove contaminated clothing and protective equipment before entering eating areas. Use in well ventilated areas. Avoid formation of vapours in flammable and explosive concentrations or exceeding allowable limits (section 8). Vapours are heavier than air, may accumulate near the floor and form

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explosive mixtures with air. Use away from fire and other sources of ignition. When working with non-sparking tools and aids, ensure appropriate protection of electrical equipment. All equipment used to handle the product must be grounded.

Prevent leakage into the environment: the dependence on stored quantities of the product make suitable arrangements for containment of the substance. Damaged packaging should be mechanically collected and removed if it can be done without risk. Prevent leakage of unpackaged mixture into drains, surface waters or groundwater. Do not allow unpacked mixture to enter the soil. In case of leakage, follow section 6.

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

Keep filled containers tightly closed away from heat, sparks and open flames. Do not store in direct sunlight and/or near sources of heat and sources of ignition. Store in original containers in dry and covered places protected from weather influences. Keep away from food, drink and animal feeding stuffs and out of the reach of children.

## 7.3. Specific end use(s)

Specific use is indicated in the instruction manual on the product packaging label or in the product documentation.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### EH40/2005 Workplace exposure limits:

Substance	CAS	Workplace exposure limit				Comments
		Long-term exposure limit (8-hr TWA reference period)		Short-term exposure limit (15 minute reference period)		
		ppm	mg.m-3	ppm	mg.m-3	
Ethanol	64-17-5	1000	1920	-	-	-
Butan-1-ol	1-36-3	-	-	50	154	Sk
Butanone	78-93-3	200	600	300	899	Sk, BMGV

Sk - Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

BMGVs - Biological monitoring guidance values.

#### BIOLOGICAL MONITORING GUIDANCE VALUES (BMGVs):

Substance	Biological monitoring guidance values	Sampling time
Butan-2-one	70 µmol butan-2-one/L in urine	Post shift

#### Exposure limit values according to Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU:

CAS	Name of agent	Eight hours		Short-term		Notation
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	
78-93-3	butanone	600	200	900	300	—

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

Ensure adequate ventilation. After completing work thoroughly wash hands and face with soap and water. Do not eat, drink or smoke while working. Keep away from food, drink and animal feeding stuffs.

### 8.2.2. Individual protection measures, such as personal protective equipment

Directive EU 89/656/EEC, Directive EU 89/686/EEC, Regulation (EU) 2016/425 all used personal protective equipment must comply with that legislation as well.

<b>Eye/face protection:</b>	safety goggles (EN 166)
<b>Skin protection:</b>	<b>Hand protection when working with unpackaged mixture:</b> In the event of prolonged or repeated exposures use protective gloves (EN 374). The choice of gloves depends on the exposure time and the specific application. After work with the product, treat your hands with a suitable regenerating cream. <b>Other protection:</b> Wear suitable protective clothing. Keep contaminated clothing away from sources of ignition, wash it before reuse.

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<b>Respiratory protection:</b>	Not required during normal handling. In case of increased vapor formation or in case of exceeding of permitted limits use approved respirator, recommended filter type: Filter A (EN 529).
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### 8.2.3. Environmental exposure controls

See Directives 80/68/EC, 90/656/EC, 91/692/EC, on waters, and Directive 96/62/EC, on air.

Do not allow to enter drains, soil, surface water, ground water, soil.

## SECTION 9: Physical and chemical properties

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

Appearance:	liquid (gel)
Odour:	perfume
Odour threshold:	not determined
pH:	not determined
Melting point/freezing point:	not determined
Initial boiling point and boiling range:	78 °C (ethanol)
Flash point:	cca 13 ° C (ethanol)
Evaporation rate:	6,3 (96% ethanol, ether = 1)
Flammability (solid, gas):	not determined
Upper/lower flammability or explosive limits:	information not available
Vapour pressure:	not determined
Vapour density:	not determined
Relative density:	785 kg/m <sup>3</sup> (ethanol, at 25 ° C)
Solubility(ies):	soluble in water
Partition coefficient: n-octanol/water:	not determined
Auto-ignition temperature:	362,85 °C (96% ethanol, at 1013 hPa)
Decomposition temperature:	not determined
Viscosity:	not determined
Explosive properties:	no
Oxidising properties:	no

### 9.2. Other information

Other relevant information is not available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Under normal conditions, no specific risks of reaction with other substances are known.

### 10.2. Chemical stability

It is stable under normal ambient conditions during storage and handling.

### 10.3. Possibility of hazardous reactions

Vapours with air may form an explosive mixture.

In the event of exposure to high temperatures can cause a fire that may produce hazardous decomposition products - e.g. carbon dioxide, carbon monoxide.

### 10.4. Conditions to avoid

electrostatic charge accumulation, heating, heat, flame / open fire, application to hot surfaces

Any flame-producing apparatus or equipment having metal surfaces that can reach high temperatures (e.g. burners, electric arc furnaces) must not be placed in the same places as the product or must not be treated with the product during operation.

### 10.5. Incompatible materials

strong acids, oxidizing agents, alkali oxides, alkali metals and alkaline earth metals; rubber, some plastics

### 10.6. Hazardous decomposition products

Thermal decomposition can produce dangerous CO and CO<sub>2</sub> combustion products.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

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

LD<sub>50</sub>, oral, rat: 7 060 mg / kg (ethanol)

LD<sub>50</sub>, dermal, rabbit: 6 300 mg / kg (ethanol)

LC<sub>50</sub>, inhalation, 72 hrs., rat: 20 000 mg / kg (ethanol)

##### Skin corrosion/irritation

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

##### Serious eye damage/irritation

Causes serious eye irritation. (CLP classification, calculation)

##### Respiratory or skin sensitisation

Based on available data, the classification criteria are not met

##### Germ cell mutagenicity

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

##### 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.

### SECTION 12: Ecological information

#### 12.1. Toxicity

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

#### 12.2. Persistence and degradability

Ethanol: biodegradable

#### 12.3. Bioaccumulative potential

Bioaccumulation is not expected.

#### 12.4. Mobility in soil

Data not available.

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

The mixture does not contain substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

Not known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

If this product and its packaging become waste, the end user must assign the appropriate waste code according to valid legislative.

Numbers of waste types are assigned by the user based on the application of the product and other facts.

Small quantities (from households) can be disposed of together with municipal waste once completely emptied.

Do not empty into drains.

##### Recommended waste code:

**Waste code (Product)** 07 06 04\*  
other organic solvents, washing liquids and mother liquors

**Waste code (Packing)** 15 01 10\*

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**Waste code (Absorption)** packaging containing residues of or contaminated by dangerous substances  
**15 02 02\***  
absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

### ***Recommended disposal method for legal persons and physical persons authorised to enterprise:***

Dispose of unused product and contaminated packaging in the designated waste collection containers and hand over the labelled waste for disposal to an authorized waste disposal person (specialized company) authorized to do so.

Recommended disposal of product or packaging: recycle the product if possible. Contaminated packaging must be cleaned before recycling. Incinerate or landfill only when recycling is not possible.

### ***Recommended disposal method for consumers***

Dispose of contents/container to a hazardous waste collection point.

### **Legal regulations relating to waste**

Directive 2006/12 / EC of the European Parliament and of the Council on waste

Directive (EC) No 98/2008 of the European Parliament and of the Council on waste and repealing certain

Directive 94/62 / EC of the European Parliament and of the Council on packaging and packaging waste

Commission Decision amending Decision 2000/532 / EC on the list of waste pursuant to Directive 2008/98 / EC of the European Parliament and of the Council

## **SECTION 14: Transport information**

<b>14.1. UN number</b>	UN1266
<b>14.2. UN proper shipping name</b>	PERFUMERY PRODUCTS with flammable solvents
<b>14.3. Transport hazard class(es)</b>	3
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	no
<b>14.6. Special precautions for user</b>	not applicable
<b>14.7. Transport in bulk according to Annex II of Marpol and the IBC Code</b>	not applicable
<b>Other information (ADR):</b>	Classification code: F1 Kemler code: 30 Limited quantity: 5L Restrictions for tunnels: D / E

## **SECTION 15: Regulatory information**

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

Restrictions on the substances or mixtures according to Annex XVII of the REACH: item 3

Candidate list (SVHC list of substances) – REACH article 59: none

Substances subject to authorization (Annex XIV of the REACH Regulation): none

SEVESO III: ethanol, n-butanol, butanone: Category P5a, P5b, P5c

#### *European regulations*

Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products  
Registration, evaluation, authorisation and restriction of chemicals (REACH)

Regulation (EC) of the European Parliament and of the Council no. 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP)

Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

Commission Directive 2006/15/EC establishing a second list of indicative occupational exposure limit values

Commission Directive 2009/161/EU establishing a third list of indicative occupational exposure limit values

Commission Directive (EU) 2017/164 establishing a fourth list of indicative occupational exposure limit values

### **15.2. Chemical safety assessment**

A chemical safety assessment (CSR) has not been carried out for the mixture.

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### SECTION 16: Other information

Revision history:

Version	Date	Changes
1.0	26.05.2020	First edition according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2015/830, and Regulation (EC) No 1272/2008 of the European Parliament and of the Council.

#### Legend to abbreviations and acronyms

SCL	specific concentration limit
CAS	Chemical Abstract Service (more on <a href="http://www.cas.org">www.cas.org</a> )
EC	number identifier for chemicals for EINECS, ELINCS and NLP lists
PBT	substances persistent, bioaccumulative and toxic
vPvB	substances very persistent and very bioaccumulative
LD <sub>50</sub>	value refers to the dose that causes 50% of the animals to die after administration
LC <sub>50</sub>	value indicates the concentration that causes 50% death of animals after administration
EC <sub>50</sub>	concentration of the substance at which 50% of the animals have an effective action on the body
IC <sub>50</sub>	half of the maximum inhibitory concentration at which action is taken on the body
SVHC	Substances of Very High Concern - substances of very high concern
DNEL	Derived No Effect Level (Derived No Effect Level)
PNEC	Predicted No Effect Concentration (estimated concentration of the substance at which no adverse Effect)

Flam. Liq. 2, 3	Flammable liquid, Category 2, 3
Skin Irrit. 2	Skin irritation, Category 2
Eye Irrit. 2	Serious eye irritation, Category 2
Eye Dam. 1	Serious eye damage, Category 1
STOT SE 3	Specific target organ toxicity — single exposure, Category 3

#### Important references to literature and data sources

The information provided here is based on our best knowledge and current legislation. Data from the registration dossier on the ECHA website was used for registered substances. The Material Safety Data Sheet was further elaborated on the basis of the recipe and the Substances Safety Data Sheets.

#### Methods used to classify a mixture

The product was evaluated and classified under Regulation (EC) no. 1272/2008, based on generally available test data and extrapolation method (in case of physical hazards), additive summation method (in the case of health hazard).

#### List of relevant hazard statements used in the SDS

H225 Highly flammable liquid and vapour.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness  
EUH066 Repeated exposure may cause skin dryness or cracking.

#### Training instructions

See labour law legislation. Employees should be trained in the risks associated with their work.

#### Other information

For more information, see: 1.3

#### Declaration

The safety data sheet for the cosmetic product SANITARY GEL mint was prepared at the request of the manufacturer. It is for informational purposes only.

The product should not be used for any other purpose, for which it is intended (Section 1.2). Because the specific conditions of use are beyond the supplier's control, it is the user's responsibility to adapt the prescribed warnings to local laws and regulations. Safety information describes the product in terms of safety and cannot be considered as technical product information.