

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006 (REACH)

Trade name: BioMio. BIO-CARE Eco dishwashing liquid. Suitable for Cleaning Fruits & Vegetables. Enhanced with Cotton Extract and Silver Ions. Concentrate. With Tangerine P.E. Oil

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

#### 1.1 Mixtures

**Trade name:** BioMio. BIO-CARE Eco dishwashing liquid. Suitable for Cleaning Fruits & Vegetables. Enhanced with Cotton Extract and Silver Ions. Concentrate. With Tangerine P.E. Oil

**Designation:** Dishwashing liquid

**Hazard components for labelling:** Cocamidopropyl Betaine EC 263-058-8, CAS 61789-40-0

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

**Relevant identified uses:** For consumer use, Dishwashing liquid

**Uses advised against:**

No additional information available

**Reasons:**

#### Details of the supplier of the safety data sheet:

**Supplier:**

Name: "SPLAT" LLC

Address: the territory of the 2<sup>nd</sup> kilometer of the Okulovka-Kulotino highway, house 1, building 2, room 15, Okulovsky District, Novgorod Region, Russian Federation, 174350.

Information contact: +7 (495) 725-66-38

E-Mail (competent person): [office@splat.ru](mailto:office@splat.ru)

**Importer:**

Name: SPLAT TRADING SIA (LLC)

Address: Riga, Mukusalas iela 42A, LV-1004, Latvia.

Information contact: +7 (495) 725-66-38

E-Mail (competent person): Stanislav Sheinskiy [stanislav.sheinskiy@splatglobal.com](mailto:stanislav.sheinskiy@splatglobal.com)

#### 1.4 EMERGENCY TELEPHONE NUMBER:

+7 (495) 725-66-38 or 112

Use your national or local emergency telephone number. See Section 4, First Aid Measures.

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## SECTION 2: Hazards identification

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

Classification according to Regulation (EC) No 1272/2008 [CLP]	GCL	Classification procedure
H317 Skin Sens. 1	C ≥ 1 %:	Calculation method

#### Additional information:

Full text of H- and EUH-phrases: see SECTION 16.

#### Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

#### Hazard pictograms



GHS07

#### Signal word:

Warning

#### Hazard statements:

**H317** May cause an allergic skin reaction

#### Precautionary statements Prevention:

**P261** Avoid breathing dust/fume/gas/mist/vapours/spray

#### Precautionary Statement Response:

**P302 + P352** IF ON SKIN: Wash with plenty of water

**P333 + P313** If skin irritation occurs: Get medical advice/attention.

#### Precautionary Statement Disposal

**P501** Dispose of contents/ container in accordance with the local waste management system.

#### Supplemental Hazard information:

##### Special rules for supplemental label elements for certain mixtures:

EUH208 — Contains Citrus Reticulata Oil. May produce an allergic reaction.

EUH208 — Contains Limonene. May produce an allergic reaction.

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### 2.3 Other hazards

**Adverse physicochemical effects:** None

**Adverse human health effects and symptoms:** None

**Adverse environmental effects:** None

**Other adverse hazards:** None

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

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## SECTION 3. Composition/information on ingredients

### 3.1 Substances

not applicable

### 3.2 Mixtures

#### Description of the mixture:

BioMio. BIO-CARE Eco dishwashing liquid. Suitable for Cleaning Fruits & Vegetables. Enhanced with Cotton Extract and Silver Ions. Concentrate. With Tangerine P.E. Oil

#### Ingredients:

Substance name	CAS No.	EC No.	Concentration	Classification according Regulation (EC) No. 1272 [CLP]	SCL and/or M-factor
Sodium Coco-Sulfate	68955-19-1	273-257-1	5-15 %	H315 Skin Irrit. 2, H318 Eye Dam. 1, H412, Aquatic Chronic 3	Eye Irrit. 2; : 10 % ≤ C < 20 % , Eye Dam. 1; : C ≥ 20 %
D-lucopyranose, oligomers, decyl octyl glycosides	68515-73-1	500-220-1	<5 %	H318 Eye Dam. 1	
Alkylpolyglycoside C10-16	110615-47-9	600-975-8	<5 %	H318 Eye Dam. 1 H315 Skin Irrit. 2	Eye Dam. 1; : C > 30 % Eye Dam. 1; : 12 % < C ≤ 30 % Skin Irrit. 2; : C > 30 %
Cocamidopropyl Betaine	61789-40-0	263-058-8	<5 %	H315 Skin Irrit. 2, H317 Skin Sens. 1, H319 Eye Irrit. 2, H412 Aquatic Chronic 3	
Sodium Cocoamphoacetate	90387-76-1	291-352-6	<5 %	H319 Eye Irrit. 2	
Benzyl Alcohol	100-51-6	202-859-9	<0.4 %	H302 Acute Tox. 3.1, H332 Acute Tox. 4	Acute Tox. 4 >1 %

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Citrus Reticulata Oil	93686-22-7	297-672-2	<5 %	H226 Flam. Liq. 3, H304 Asp. Tox. 1, H315 Skin Irrit. 2, H317 Skin Sens. 1, H411 Aquatic Chronic 2	
Disodium Cocoyl Glutamate	68187-30-4	269-085-1	<5 %	H319 Eye Irrit. 2, H412 Aquatic Chronic 3	
Silver Citrate	126-45-4	204-786-8	<5 %	H315 Skin Irrit. 2, H319 Eye Irrit. 2, H335 STOT SE 3	
Limonene	5989-27-5	227-813-5	0.44%	H226 Flam. Liq. 3, H315 Skin Irrit. 2, H317 Skin Sens. 1, H400 Aquatic Acute 1, H410 Aquatic Chronic 1	

### Additional information:

**Full text of H- and EUH-phrases: see SECTION 16.**

***This mixture does not contain substances fulfilling the criteria of hazard class "acute toxicity" according to CLP regulation.***

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information:** If you feel unwell, seek medical advice (show the label where possible).

**Following inhalation:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Following skin contact:** Wash skin with plenty of water.

**Following eye contact:** Rinse eyes with water as a precaution.

**Following ingestion:** Not expected to present a significant hazard under anticipated conditions of normal use. Rinse mouth.

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

Symptoms: If skin irritation occurs: Get medical advice/attention.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media

Water spray. Dry powder. Foam. Carbon dioxide.

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

Hazardous combustion products. The product is not flammable.

#### 5.3 Advice for fire-fighters

Use extinguishing media appropriate for surrounding fire.

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### SECTION 6: Accidental release measures

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

##### For non-emergency personnel

Protective equipment: Not required for normal conditions of use.

Emergency procedures: Ventilate spillage area.

##### For emergency responders

Personal protective equipment: Not required for normal conditions of use. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2 Environmental precautions

Avoid release to the environment.

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

**For containment:** Collect spillage.

**For cleaning up:** Take up liquid spill into absorbent material. Shovel into suitable and closed container for disposal. This material and its container must be disposed of in a safe way, and as per local legislation.

**Other information:** Dispose of materials at an authorized site.

**6.4 Reference to other sections:** For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13: "Disposal considerations". **SECTION 7: Handling and**

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Protective measures

Advice on safe handling: Recommendations for use: apply a few drops of the product onto a damp sponge. Wash dishes and rinse thoroughly with water. After use, wash your hands thoroughly to avoid accidental ingestion – which can be dangerous to health. The product contains essential oil. In case of individual intolerance limit use or use rubber gloves.

Fire preventions: not explosive

Aerosol and dust generation preventions: No data available (no dust is formed)

Environmental precautions: No data available

#### Advice on general occupational hygiene:

Always wash hands after handling the product. Do not eat, drink or smoke when using this product

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

#### Technical measures and storage conditions:

Always store in containers of the same material as the original packaging. Containers that have been opened must again be carefully closed tightly and stored in an upright position to prevent leakage.

Packaging materials: The bottle and heat-shrink film made of PET and flip-top made of PP

#### Requirements for storage rooms and vessels:

Keep at temperatures from +5 °C to +25 °C and out of reach of children. Protect from direct sunlight. When stored in cool conditions, the natural surfactant can cause a precipitation of the liquid and its turbidity.

Materials to avoid: Strong acids, highly basic compounds, potent oxidants and strong catabolic substances

**Further information on storage conditions:** No data available

### 7.3 Specific end uses

Recommendations: apply a few drops of the product onto a damp sponge. Wash dishes and rinse thoroughly with water. After use, wash your hands thoroughly to avoid accidental ingestion – which can be dangerous to health.

Specific end uses: No data available

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### SECTION 8: Exposure controls/personal protection

In normal use, there is no need for monitoring.

**8.1 Control parameters:** No additional information available

**8.2 Exposure controls:** In normal use, there is no need for monitoring.

**Appropriate engineering controls:** Ensure good ventilation of the work station. Observe the general hygiene of work.

#### Personal protective equipment

##### Eye / Face protection

Suitable eye protection: Protective glasses



##### Skin protection

Hand protection:



By short-term hand contact  
Suitable gloves type: Nitrile gloves

Body protection: No specific body protection needed

**Respiratory protection:** No specific requirements

**Thermal hazards:** No

**8.2.3 Environmental exposure controls:**

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### Consumer exposure control

Measures related to consumer uses of the substance (as such or in mixtures):

Only use as directed. After use, wash your hands thoroughly to avoid accidental ingestion – which can be dangerous to health. In case of contact with eyes, rinse immediately with water. If swallowed, seek medical advice and show the package.

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## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

**Physical state:** Liquid

**Colour:** Clear/Light yellow/yellow

**Odour:** Tangerine

**Odour threshold:** No data available

	Value	Concentration	Remark
<b>pH</b>	3,3-5,5	100 %	
<b>Melting point/freezing point</b>	No data available		
<b>Initial boiling point/boiling range</b>	No data available		
<b>Flash point</b>	No data available		
<b>Evaporation rate</b>	No data available		
<b>Flammability (solid, gas)</b>	Not applicable		
<b>Upper/lower flammability or explosive limits</b>	Not applicable		
<b>Vapour pressure</b>	No data available		
<b>Vapour density</b>	No data available		
<b>Relative density</b>	No data available		
<b>Solubility(ies)</b>	No data available		
<b>Partition coefficient: n-octanol/water</b>	No data available No data available		
<b>Auto-ignition temperature</b>	No data available		
<b>Decomposition temperature</b>	No data available		
<b>Viscosity</b>			
<b>Viscosity, dynamic</b>	1200 – 5000 cPs		
<b>Viscosity, cinematic</b>	No data available		
<b>Explosive properties</b>	Product is not explosive		
<b>Oxidising properties</b>	Oxidising liquids Not applicable		

### 9.2 Other information:

**Physical hazards:** Hazard class is not applicable.



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## **Explosives**

**Justification for data waiving:** Hazard class is not applicable.

## **Flammable gases**

**Justification for data waiving:** Hazard class is not applicable

## **Flammable aerosols**

**Justification for data waiving:** Hazard class is not applicable.

## **Oxidising gases**

**Justification for data waiving:** Hazard class is not applicable

## **Gases under pressure**

**Justification for data waiving:** Hazard class is not applicable

## **Flammable liquids**

**Justification for data waiving:** Hazard class is not applicable

## **Flammable solids**

**Justification for data waiving:** Hazard class is not applicable

## **Self-reactive substances and mixtures**

**Justification for data waiving:** Hazard class is not applicable

## **Pyrophoric liquids**

**Justification for data waiving:** Hazard class is not applicable

## **Pyrophoric solids**

**Justification for data waiving:** Hazard class is not applicable

## **Self-heating substances and mixtures**

**Justification for data waiving:** Hazard class is not applicable

## **Substances or mixtures which, in contact with water emit flammable gases**

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**Justification for data waiving:** Hazard class is not applicable

### Oxidising liquids

**Justification for data waiving:** Hazard class is not applicable

### Oxidising solids

**Justification for data waiving:** Hazard class is not applicable

### Metal corrosion

**Justification for data waiving:** Hazard class is not applicable

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4 Conditions to avoid:

None under recommended storage and handling conditions (see section 7).

### 10.5 Incompatible materials:

Strong acids, highly basic compounds, potent oxidants and strong catabolic substances.

### 10.6 Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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## SECTION 11: Toxicological information

### Toxicokinetics, metabolism and distribution

#### 11.1 Information on toxicological effects

#### Product Information

Information on likely routes of exposure/ Delayed and immediate effects as well as chronic effects from short and long-term exposure

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*Inhalation:* Mists and aerosols in high concentrations may irritate the respiratory system.

*Skin contact:* **May cause an allergic skin reaction.** Skin contact can cause redness, itching, irritation and pain. Severity depends on the concentration and duration of exposure. Chronic effects prolonged and repeated skin contact with solution may induce eczematoid dermatitis.

*Ingestion:* No known effect but ingestion of this product can result in nausea, vomiting, chemical burns of the mouth and perforation of the gastrointestinal tract.

*Eye contact:* Eye contact will cause stinging, blurring and tearing. Liquid in eyes will cause irritation and smarting.

Acute toxicity: No known effect.

Skin corrosion/irritation: **May cause an allergic skin reaction.**

Serious eye damage/eye irritation: No known effect.

Skin sensitization: No known effect.

Respiratory sensitization: No known effect.

Germ cell mutagenicity: No known effect.

Neurological Effects: No known effect.

Reproductive toxicity: No known effect.

Developmental toxicity: No known effect.

Teratogenicity: No known effect.

STOT - single exposure: No known effect.

STOT - repeated exposure: No known effect.

Target Organ Effects: No known effect.

Aspiration hazard: No known effect.

Carcinogenicity: This mixture has no evidence of carcinogenic properties.

### Component information

*Hazardous substances (more than 0.1 % in the mixture) that may affect to toxicology*

Substance name	CAS no.	Oral LD50	Dermal LD50	Inhalation LC50
Decyl Glucoside	68515-73-1	> 2000 mg/kg (OECD Guideline 401) mg/kg bw	>2000 mg/kg bw	-

Assessment of irritating effects:

**May cause severe damage to the eyes.**

**Skin contact causes irritation.**

Substance name	CAS no.	Oral LD50	Dermal LD50	Inhalation LC50
Cocamidopropyl Betaine	91844-92-7	> 5000 mg/kg (OECD Guideline 401) mg/kg bw	>2000 mg/kg bw	> 20.000 mg/L

### Irritation/ corrosion

Assessment of irritating effects: **May cause severe damage to the eyes.**

### Eye

Species: rabbit

Result: **Severely irritating.**

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Substance name	CAS no.	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl Alcohol	100-51-6	1230 mg/kg bw (Rat)	2000 mg/kg (Rabbit)	8.8 mg/L (Rat) 4 h

Corrosion irritation: Skin – Rabbit, 24 h: **Irritating to skin.**

Reproductive toxicity: *Effects have been observed in experimental animals.*

Substance name	CAS no.	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Coco Sulfate	97375-27-4	-	-	-

*Skin corrosion/irritation*

Skin irritation: **May cause skin irritation.**

Serious eye damage/eye irritation

Eye irritation: **May cause eye irritation.**

### Citrus Reticulata Peel Oil

Skin corrosion / irritation: **Causes skin irritation.**

Respiratory or skin sensitisation: **May cause an allergic skin reaction.**

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## SECTION 12: Ecological information

**Ecotoxicity:** Not regarded as dangerous for the environment.

**12.1 Acute fish toxicity:** Not considered toxic to fish.

### 12.2 Persistence and degradability

Degradability: The product is readily biodegradable.

**12.3 Bioaccumulative potential:** The product is not bio accumulating.

**12.4 Mobility in soil:** Not relevant, due to the form of the product.

**12.5 Results of PBT and vPvB assessment:** This product does not contain any PBT or vPvB substances.

**12.6 Other adverse effects:** None known

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Regional legislation (waste): Disposal must be done according to official regulations.

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations

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### SECTION 14: Transport information

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN No.	Not applicable	Not applicable	Not applicable	Not applicable
14.2 UN Proper shipping name	Not applicable	Not applicable	Not applicable	Not applicable
14.3 Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable
Hazard label(s)	Not applicable	Not applicable	Not applicable	Not applicable
14.4 Packing group	Not applicable	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards	Not applicable	Not applicable	Not applicable	Not applicable

### SECTION 15: Regulatory information

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

##### EU regulations

Classification and labelling of substances and preparations dangerous for supply. Safety data sheets preparations.

EU Legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulations (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

##### Authorisations and/or restrictions on use

Contains no REACH substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

**Other EU regulations:** REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents

Component	%
— anionic surfactants	5-15%
— non-ionic surfactants	<5%
— amphoteric surfactants	<5%
— pH-regulators (citric acid)	<5%
— preservative (silver citrate, benzyl alcohol)	<5%
— cotton seed extract	<5%

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<b>Perfum</b> — tangerine essential oil — Limonene	<5% <5%
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### National regulations

Additionally, observe any national regulations!

## 15.2 Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

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## SECTION 16: Other information

### 16.1 Relevant R-, H- and EUH-phrases Full

text of H- and EUH-statements:

H226 Flam. Liq. 3	Flammable liquid and vapour.
H304 Asp. Tox. 1	May be fatal if swallowed and enters airways.
H314 Skin Corr. 1B	Causes severe skin burns and eye damage.
H315 Skin Irrit. 2	Causes skin irritation.
H317 Skin Sens. 1	May cause an allergic skin reaction.
H318 Eye Dam. 1	Causes serious eye damage.
H319 Eye Irrit. 2	Causes serious eye irritation.
H332 Acute Tox. 4	Harmful if inhaled.
H335 STOT SE 3	May cause respiratory irritation.
H373 STOT RE 2	May cause damage to organs through prolonged or repeated exposure.
H410 Aquatic Chronic 1	Very toxic to aquatic life.
H411 Aquatic Chronic 2	Toxic to aquatic life with long lasting effects.
H412 Aquatic Chronic 3	Harmful to aquatic life with long lasting effects