

Safety data sheet: According to 1907/2006/EC, Article 31

Revision: 22/06/2020

Trade name: **Byoworks Hand Soap**

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

- Trade name: *Byoworks Hand Soap*
- Relevant identified uses of the substance or mixture and uses advised against *Ready to use hand soap*
- Sector of Use *SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites*
- Product category *PC39 Cosmetics, personal care products*
- Process category *PROC5 Mixing or blending in batch processes for formulation of preparations and articles (multistage and/ or significant contact)*
- Environmental release category *ERC2 Formulation of preparations*

Details of the supplier of the safety data sheet

- Manufacturer/Supplier:

Byoworks (Pty) Ltd.

Address: *9 Tekstiel Street, Parow Industria, 7490*
Phone: *+27 21 931 0056*
Email: *info@byoworks.co.za*
Website: *www.byoworks.co.za*

- Further information obtainable from: *Technical Team: info@byoworks.co.za*
- Emergency telephone number: *National Poisons Information Service: Phone: 021 689 5227 (Red Cross Hospital – Poison Call Centre)*

2. Hazards identification

Classification of the substance or mixture

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC *Not applicable.*
- Information concerning particular hazards for human and environment: *The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.*
- Classification system: *The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*

Label elements

- Labelling according to EU guidelines: *The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials.*
- Special labelling of certain preparations: *Safety data sheet available for professional user on request.*

Other hazards

- Results of PBT and vPvB assessment
- PBT: *Not applicable.*
- vPvB: *Not applicable.*

3. Composition/information on ingredients

- Chemical characterization: *Mixtures*
- Description: *Mixture of substances listed below with non-hazardous additions.*

Dangerous components:

CAS: 61789-40-0	Cocoamidopropyl Betaine Xi R36	< 2.5%
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- Additional information: *For the wording of the listed risk phrases refer to section 16.*

4 First aid measures

Description of first aid measures

- General information: *No special measures required.*
- After inhalation: *Supply fresh air; consult doctor in case of complaints.*
- After skin contact: *Generally the product does not irritate the skin.*
- After eye contact: *Rinse opened eye for several minutes under running water. If symptoms persist consult doctor.*
- After swallowing: *Seek medical attention*

Information for doctor:

- Most important symptoms and effects, both acute and delayed *No further relevant information available.*
- Indication of any immediate medical attention and special treatment needed *No further relevant information available.*

5 Fire fighting measures

Extinguishing media

- Suitable extinguishing agents:
- Special hazards arising from the substance or mixture

*CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
No further relevant information available.*

Advice for fire-fighters

- Protective equipment:

Put on breathing apparatus

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures *Not required.*
- Environmental precautions: *Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.*
- Methods and material for containment and cleaning up: *Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)*

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Handling:

- Precautions for safe handling
- Information about fire - and explosion protection:

*Ensure good ventilation/extraction at the workplace. Prevent formation of aerosols.
No special measures required.*

Conditions for safe storage, including any incompatibilities

Storage:

- Requirements to be met by storerooms and receptacles:
- Information about storage in one common storage facility:
- Further information about storage conditions:

*No special requirements.
Not required.
Keep receptacle tightly sealed.*

Storage class:

- Class according to regulation on flammable liquids:
- Specific end use(s)

*Void
No further relevant information available.*

8 Exposure controls/personal protections

- Additional information about design of technical facilities:

No further data; see item 7.

Control parameters

- Ingredients with limit values that require monitoring:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- Additional information:

The lists valid during the making were used as basis.

Exposure controls

- Personal protective equipment:
- General protective and hygienic measures:
- Respiratory protection:
- Protection of hands:
- Eye protection:

*The usual precautionary measures are to be adhered to when handling chemicals.
In case of brief exposure or low pollution use respiratory filter device.
Not required.
Goggles recommended during filling*

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

· Appearance:	
Form:	<i>Liquid</i>
Colour:	<i>Colourless</i>
· Odour:	<i>Characteristic</i>
· Odour threshold:	<i>Not determined.</i>
· pH-value at 20 °C:	<i>6 - 8 (pH indicator strip)</i>
· Change in condition	
Melting point/Melting range:	<i>Undetermined.</i>
Boiling point/Boiling range:	<i>100 °C</i>
· Flash point:	<i>Not applicable.</i>
· Flammability (solid, gaseous):	<i>Not applicable.</i>
· Ignition temperature:	
Decomposition temperature:	<i>Not determined.</i>
· Self-igniting:	<i>Product is not self-igniting.</i>
· Danger of explosion:	<i>Product does not present an explosion hazard.</i>
· Explosion limits:	
Lower:	<i>Not determined.</i>
Upper:	<i>Not determined.</i>
· Vapour pressure at 20 °C:	<i>23 hPa</i>
· Density:	<i>Not determined.</i>
· Relative density	<i>Not determined.</i>
· Vapour density	<i>Not determined.</i>
· Evaporation rate	<i>Not determined.</i>
· Solubility in / Miscibility with water:	<i>Fully miscible.</i>
· Partition coefficient (n-octanol/water):	<i>Not determined.</i>
· Viscosity:	
Dynamic:	<i>Not determined.</i>
Kinematic:	<i>Not determined.</i>
· Solvent content:	
Water:	<i>>90 %</i>
Solids content:	<i><10 %</i>
· Other information	<i>No further relevant information available.</i>

10 Stability and reactivity

Reactivity

Chemical stability:

· Thermal decomposition / conditions to be avoided:	<i>No decomposition if used according to specifications.</i>
· Possibility of hazardous reactions:	<i>No dangerous reactions known.</i>
· Conditions to avoid:	<i>No further relevant information available.</i>
· Incompatible materials:	<i>No further relevant information available.</i>
· Hazardous decomposition products:	<i>No dangerous decomposition products known.</i>

11 Toxicological information

Information on toxicological effects

Acute toxicity:

· Primary irritant effect:	
on the skin:	<i>No irritant effect</i>
on the eye:	<i>No irritating effect</i>
· Sensitization:	<i>No sensitizing effects known.</i>

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

Toxicity

- Aquatic toxicity: *No further relevant information available.*
- Persistence and degradability *No further relevant information available.*

Behaviour in environmental systems:

- Bioaccumulative potential *No further relevant information available.*
- Mobility in soil *No further relevant information available.*

Additional ecological information:

- General notes: *Generally not hazardous for water*

Results of PBT and vPvB assessment

- PBT: *Not applicable.*
- vPvB: *Not applicable.*
- Other adverse effects *No further relevant information available.*

13 Disposal considerations

Waste treatment methods

- Recommendation: *Smaller quantities can be disposed of with household waste.*

Uncleaned packaging:

- Recommendation: *Disposal must be made according to official regulations.*
- Recommended cleansing agents: *Water, if necessary together with cleansing agents.*

14 Transport information

UN-Number

ADR, ADN, IMDG, IATA *Not applicable*

UN proper shipping name

ADR, ADN, IMDG, IATA *Not applicable*

Transport hazard class(es)

ADR, ADN, IMDG, IATA
Class *Not applicable*

Packing group

ADR, IMDG, IATA *Not applicable*

Environmental hazards:

Marine pollutant: *No*

Special precautions for user *Not applicable.*

Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code *Not applicable*

15 Regulatory information

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

- **Philippines Inventory of Chemicals and Chemical Substances:** *None of the ingredients is listed.*
- **Australian Inventory of Chemical Substances** *None of the ingredients is listed.*
- **Standard for the Uniform Scheduling of Drugs and Poisons** *None of the ingredients is listed.*

National regulations:

- Classification according to VbF: *Void*
- Water hazard class: *Generally not hazardous for water.*
- Chemical safety assessment: *A Chemical Safety Assessment has not been carried out.*

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

R21/22 Harmful in contact with skin and if swallowed.
R36/38 Irritating to eyes and skin
R36 Irritating to eyes

- **Department issuing MSDS:** Technical department · Contact: info@byoworks.co.za