

SDS #: 735	Chemys soap S 3R	REVISION : 06 DATE: June / 2018
------------	-------------------------	------------------------------------

I – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

I.1. Product Identifier

I.1.1. Trade Name: Chemys soap S 3R

I.1.2. INCI Name: (Suggested) Sodium Astrocaryum Murumurate.

I.2. Relevant identified uses of the substance or mixture and uses advised against: SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites / PC39 – Cosmetics, Personal Care Products.

I.3. Details of the supplier of the Safety Data Sheet

Manufacturer/supplier: Chemyunion Ltda.

Address: Avenida Independência, 1501, Iporanga. CEP: 18087-101 - Sorocaba – São Paulo.

Phone: +55 (15) 2102-2000

Fax: +55 (15) 2102-2005

e-mail address of competent person responsible for the SDS: vendas@chemyunion.com.br

I.4. Emergency telephone number: +55 (15) 2102-2000 / +55 (15) 2102-2086 / Suatrans +55 (11) 3010-3700 or 0800 707 7022.

2 – HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1. Classification according to Regulation (EC) No. 1272/2008 (CLP) / GHS: Serious Eye Damage / Eye Irritation – Category 2B.

Although the product induces mild eye irritation, according to the CLP it is not to be classified as category 2 - H319.

2.2. Label elements

2.2.1. Labelling according to Regulation (EC) No. 1272/2008 (CLP) / GHS

Hazard pictograms: Not required

Signal Word: Warning

Hazard Statements: H320 – Causes eye irritation.

Precautionary statements: P264 - Wash hands thoroughly after handling. 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.

2.3. Other hazards which do not result in classification: None

3 – COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substance

CAS Number	Identification name	Weight % content (or range)	REACH Registration
-	-	-	-

3.2. Mixture

Description of the mixture: Saponified triacylglycerols of *Astrocaryum sp.*

SAFETY DATA SHEET

ACCORDING TO GLOBALLY HARMONIZED SYSTEM (GHS), REGULATION (EC) NO. 1907/2006
(REACH) AND REGULATION (EC) NO. 1272/2008 (CLP)

SDS #: 735	Chemys soap S 3R	REVISION : 06 DATE: June / 2018
------------	-------------------------	------------------------------------

Ingredient (INCI or Chemical Name)	CAS Number	EC Number*	Concentration Range % (w/w)	REACH Registration	Classification according to Regulation (EC) No. 1272/2008 (CLP) / GHS
Sodium Astrocaryum Murumurate	68952-94-3	273-178-2 (I)	99.55 – 99.95	Exempt (Below 1 tonne per year)	Not classified according to CLP/ GHS
Disodium EDTA	139-33-3	205-358-3 (I)	0.05 – 0.45	Exempt (Below 1 tonne per year)	Acute toxicity - inhalation: Category 4. Specific target organ toxicity – repeated exposure: Category 2

* EINECS – (I); ELINCS – (L); No-Longer Polymer – (NLP)

Additional Information: None.

4 – FIRST AID MEASURES

4.1. Description of first aid measures

- 4.1.1. **General Notes:** If irritation or other symptoms occur or persist from any route of exposure, remove the affected individual from the area: see a physician/get medical attention.
- 4.1.2. **Following Inhalation:** Remove the victim to fresh air and seek immediate medical attention, if necessary. If not breathing, give artificial respiration or oxygen.
- 4.1.3. **Following Skin contact:** Wash skin with soap and water and remove the contaminated clothes and shoes. Seek medical attention immediately, if necessary.
- 4.1.4. **Following Eye contact:** Flush eyes with plenty of clean water, keeping the eyes opened to assure the product's removal. Seek medical attention immediately, if necessary.
- 4.1.5. **Following Ingestion:** Wash mouth abundantly with water. Do not induce vomit or ingest liquid unless directed to do so by medical personnel. Never administer anything orally to an unconscious person. Obtain medical attention.
- 4.1.6. **Self-protection of the first aider:** Wear proper personal protective clothing and equipment.

4.2. Most important symptoms / effects, both acute and delayed: Causes eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed: Symptomatic treatment. Do not induce vomit.

5 – FIRE-FIGHTING MEASURES

5.1. Extinguishing media

- 5.1.1. **Suitable extinguishing media:** Dry chemical, carbon dioxide, foam, water spray.
- 5.1.2. **Unsuitable extinguishing media:** Water stream.

5.2. Special hazards arising from the substance or mixture

- 5.2.1. **Hazardous combustion products:** In case of fire, carbon dioxide, carbon monoxide and water in fog form may be released. In certain combustion conditions, traces of other toxic substances may not be excluded.

SDS #: 735	Chemys soap S 3R	REVISION : 06 DATE: June / 2018
------------	-------------------------	------------------------------------

5.3. Advice for fire-fighters: Full protective clothing, including breathing mask.

6 – ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment: Use appropriate protection equipment (Section 8).

Emergency procedures: Avoid contact with eyes. Do not step on the spilled product.

6.1.2. For emergency responders: Use appropriate protection equipment (Section 8). Avoid contact with eyes. Floor may become slippery.

6.2. Environmental precaution: Avoid material from entering drains and waterbodies.

6.3. Methods and materials for containment and cleaning up

6.3.1. For containment: Remove the product with appropriate absorbent material, such as sand, sawdust, absorbent blankets, etc. Dispose it, in an appropriated container, in compliance with local laws and regulation.

6.3.2. For cleaning up: Remove the product mechanically with adequate absorbent material, as shovel, broom, etc., disposing it in an appropriated container. Water (heated at 70-80°C) is indicated to be used freely with any common detergent.

6.3.3 Other information: None.

6.4. Reference to other sections: Protection equipment see Section 8.

7 – HANDLING AND STORAGE

7.1. Precautions for safe handling

7.1.1. Protective measures

Measures to prevent fire: Not applicable. Product not flammable under usual conditions. Keep preemptively away from sources of ignition and heat.

Measures to prevent aerosol and dust generation: Not applicable.

Measures to protect the environment: Avoid material from entering drains and waterbodies.

7.1.2. Advice on general occupational hygiene: Wash contaminated clothing before reuse. Wash hands before and after handling. Use disposable surgical mask to prevent contamination of the product. Do not eat, drink or smoke when handling the product.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1. Technical measures and storage conditions: Store in a sheltered, dry, ventilated area, at room temperature. Product remains stable until expiry date indicated if stored in its original sealed packaging. Avoid contact with oxidizing agents. Shake before using or sampling. Seal the packaging properly after use or sampling.

7.2.2. Packaging materials: Plastic packaging properly sealed and labeled.

7.2.3. Requirements for storage rooms and vessels: None specific requirement necessary.

7.2.4. Storage class: Not applicable.

7.2.5. Further information on storage conditions: Protect containers against damage.

7.3. Specific end use(s)

7.3.1. Recommendations: Industrial use.

7.3.2. Industrial sector specific solutions: Cosmetic industry.

SDS #: 735	Chemys soap S 3R	REVISION : 06 DATE: June / 2018
------------	-------------------------	------------------------------------

8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1. Occupational exposure limit: Not available.

8.1.2. Recommended monitoring procedures: No special requirements under normal use conditions.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Substance/mixture related measures to prevent exposure during identified uses: Use appropriated protection equipment.

Structural measures to prevent exposure: No engineering control measure is required. However, it is recommended ensure adequate ventilation and keep shower and eyewash near the workplace.

Organizational measures to prevent exposure: Provide appropriated protection equipment (Section 8.2.2).

Technical measures to prevent exposure: No special requirements under normal use conditions.

8.2.2. Personal protection equipment

Eye and face protection: Safety glasses.

Skin protection:

Hand protection: Protective gloves.

Other skin protection: Apron or Laboratory coat and rubber or PVG boots.

Respiratory protection: The ventilation in the place is recommended.

Thermal hazards: Not applicable.

8.2.3. Environmental exposure controls

Substance/mixture related measures to prevent exposure: Avoid material from entering drains and waterbodies.

Instruction measures to prevent exposure: No special requirements under normal use conditions.

Organizational measures to prevent exposure: Avoid material from entering drains and rivers.

Technical measures to prevent exposure: No special requirements under normal use conditions.

9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

9.1.1. Appearance: Yellowish white to beige greasy solid (flakes).

9.1.2. Odour: Characteristic.

9.1.3. Odour threshold: Not available.

9.1.4. pH: 8.00 - 11.00 (aq. sol. at 0.5% w/w at 25°C).

9.1.5. Melting point/Freezing point: Not available.

9.1.6. Initial boiling point/Boiling range: Not available.

9.1.7. Flash point: Not available.

9.1.8. Evaporation rate: Not available.

9.1.9. Flammability (solid, gas): Not applicable.

9.1.10. Upper/lower flammability or explosive limits: Not applicable.

9.1.11. Vapour pressure: Not available.

9.1.12. Vapour density: Not available.

SDS #: 735	Chemys soap S 3R	REVISION : 06 DATE: June / 2018
------------	-------------------------	------------------------------------

- 9.1.13. **Relative density:** Not available.
- 9.1.14. **Solubility(ies):** Soluble in water.
- 9.1.15. **Partition coefficient (n-octanol/water):** Not available.
- 9.1.16. **Auto-Ignition temperature:** Not applicable.
- 9.1.17. **Decomposition temperature:** Not available.
- 9.1.18. **Viscosity:** Not available.
- 9.1.19. **Explosive properties:** Not applicable.
- 9.1.20. **Oxidising properties:** Not available.

9.2. **Other information:** None.

10 – STABILITY AND REACTIVITY

- 10.1. **Reactivity:** Not available.
- 10.2. **Chemical Stability:** Product is stable under regular conditions.
- 10.3. **Possibility of hazardous reactions:** None known.
- 10.4. **Conditions to avoid:** Dust, humidity, open packaging, inappropriate handling, high temperatures.
- 10.5. **Incompatible materials:** Not available.
- 10.6. **Hazardous decomposition products:** In case of fire, carbon dioxide, carbon monoxide and water in fog form may be released. In certain combustion conditions, traces of other toxic substances may not be excluded.

11 – TOXICOLOGICAL INFORMATION

11.1. Acute Toxicity

11.1.1. Oral

Test / Type	Result
Cytotoxicity / In vitro Test	Important cytotoxicity.* (NRR)

11.1.2. Dermal

Test / Type	Result
Not available.	Chemical not classified as hazardous according to CLP/GHS.

11.1.3. Inhalation

Test / Type	Result
Not available	Chemical not classified as hazardous according to CLP/GHS.

11.2. Skin corrosion/Irritation

Test / Type	Result
Not available.	Chemical not classified as hazardous according to CLP/GHS.

11.3. Serious eyes damage /Irritation

Test / Type	Result
HET-CAM / In vitro Test	Irritant.*
BCOP / In vitro Test	Moderately irritant.

SAFETY DATA SHEET

ACCORDING TO GLOBALLY HARMONIZED SYSTEM (GHS), REGULATION (EC) NO. 1907/2006
(REACH) AND REGULATION (EC) NO. 1272/2008 (CLP)

SDS #: 735	Chemys soap S 3R	REVISION : 06 DATE: June / 2018
------------	-------------------------	------------------------------------

11.4. Respiratory or Skin Sensitization

Test / Type	Result
Dermal Sensitization (HRIPT) / Clinical Assessment	Not allergenic. Do not induce skin irritation. Good skin compatibility*.

11.5. Germ cell mutagenicity

Test / Type	Result
Not available	Chemical not classified as hazardous according to CLP/GHS.

11.6. Carcinogenicity

Test / Type	Result
Not available	Chemical not classified as hazardous according to CLP/GHS.

11.7. Reproductive toxicity

Test / Type	Result
Not available	Chemical not classified as hazardous according to CLP/GHS.

11.8. STOT-Single exposure

Test / Type	Result
Not available	Chemical not classified as hazardous according to CLP/GHS.

11.9. STOT-repeated exposure

Test / Type	Results
Not available	Chemical not classified as hazardous according to CLP/GHS.

11.10. Aspiration Hazard

Test / Type	Results
Not available	Chemical not classified as hazardous according to CLP/GHS.

11.11. Specific effects

Test / Type	Result
Mutagenicity (Ames Test) / In vitro test	Non mutagenic*.

*Data obtained from product with similar composition to this product.

12 – ECOLOGICAL INFORMATION

12.1. Toxicity

Test / Type	Result
Not available.	Chemical not classified as hazardous according to CLP/GHS.

12.2. Persistence and degradability: Not available.

12.3. Bioaccumulative potential: Not available.

12.4. Mobility in soil: Not available.

12.5. Results of PBT and vPvB assessment: Not available.

12.6. Other adverse effects: Not available.

SDS #: 735	Chemyoap S 3R	REVISION : 06 DATE: June / 2018
------------	----------------------	------------------------------------

13 – DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

- 13.1.1. **Product / Packaging disposal:** Do not reuse the package. Dispose in compliance with local laws and regulation.
Waste codes / waste designations according to Low: Not available.
- 13.1.2. **Waste treatment-relevant information:** Dispose in compliance with local laws and regulation.
- 13.1.3. **Sewage disposal-relevant information:** Dispose in compliance with local laws and regulation.
- 13.1.4. **Other disposal recommendations:** None.
- 13.1.1. **Appropriate disposal of contaminated packaging:** Dispose in compliance with local laws and regulation.

14 –TRANSPORT INFORMATION

14.1. UN number:

Not regulated

14.2. UN proper shipping name:

Not applicable

14.3. Transport hazard class:

Not applicable

14.4. Packaging group:

Not applicable

14.5. Environmental hazards:

Not applicable

14.6. Special precautions for user:

None

14.7. Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC code:

Not applicable

15 – REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislations specific for the substance or mixture: None.

15.2. Chemical Safety Assessment: Not applicable.

Additional Information: None.

16 - OTHER INFORMATION

16.1. Training advice: Not required.

16.2. Recommended restrictions on use: None.

SDS #: 735	Chemys soap S 3R	REVISION : 06 DATE: June / 2018
------------	-------------------------	------------------------------------

16.3. Further information:

Factory Address: Avenida Independência, 1501. Iporanga. Sorocaba. São Paulo. Brazil. CEP 18087-101

Phone: +55 (15) 2102-2000

Fax: +55 (15) 2102-2005

16.4. Sources of key data used:

NBR 14725 – Ficha técnica de Segurança de Produtos Químicos – FISPQ

ONU - GHS: Globally Harmonized System

Regulation (EC) N°. 1907/2006 (REACH)

Regulation (EC) N°. 1272/2008 (CLP)

16.5. Revision Number:**16.5.1. Subject of revision (added, deleted or revised information):**

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification, since the conditions to the operations mentioned are beyond our control. The information relates only to the specific designated material and may not be valid for such material used in combination with any other materials or in any process unless specified in the text. **Chemyunion Ltda.** disclaims any liability for loss or damage resulting from the use of these data, information or suggestions. All of these data, information and suggestion are of good faith.

Document	Revision	01	02	03	04	05	06
Alterations Report	Alterations Request	8353/12	8825/12	9492/13	10214/15	12835/18	13038/18