

## Material Safety Data Sheet

### 1. PRODUCT & COMPANY INFORMATION

|                               |  |
|-------------------------------|--|
| <b>Product name</b>           | Cocoamidopropyl Betain                   |
| <b>INCI name</b>              | Cocoamidopropyl Betain                   |
| <b>Country of Origin</b>      | India                                    |
| <b>Product use</b>            | Cosmetic/Personal Care                   |
| <b>Supplier</b>               | BOTANIC PLANET CANADA INC.               |
| <b>Address</b>                | 2 Bram Crt Unit # 3 & 4 Brampton Ontario |
| <b>Telephone number</b>       | 905.455.4444                             |
| <b>Emergency phone number</b> | (613)-996-6666 CANUTEC 24 HOUR EMERGENCY |

### 2. HAZARDS IDENTIFICATION



HAZARD CLASSIFICATION..... Serious eye damage/ Irritation - Category 1.  
 SIGNAL WORD..... Danger.  
 HAZARD STATEMENT..... H318 Causes serious eye damage.  
 PRECAUTIONARY STATEMENT..... P280 Wear protective gloves/protective clothing/eye protection/face protection. P310 Immediately call a POISON CENTER or doctor/physician. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 OTHER HAZARDS..... No specific data available.

### 3. COMPOSITION / INFORMATION INGREDIENTS

| PRODUCT                | CAS NO    | EC NO     | PERCENTAGE |
|------------------------|-----------|-----------|------------|
| Aqua                   | 7732-18-5 | -         | 45-75%     |
| Cocoamidopropyl Betain | 107-43-7  | 931-296-8 | 25-35%     |

### 4. FIRST AID MEASURES

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs. |
| <b>Skin Contact</b> | Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.             |
| <b>Inhalation</b>   | If inhaled, removed to fresh air. Get medical attention if symptoms appear.   |

### 5. FIRE FIGHTING MEASURES

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| Suitable extinguishing media                                   |
| Foam. Dry Powder. Carbon dioxide.                              |
| Special protective equipment and precautions for fire-fighters |

|  |
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| Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog |
| <b>Special hazards arising from the substance or its combustible products</b>                              |
| Hazardous decomposition products may be formed at extreme heat or if burned.                               |
| <b>Resulting gases</b>   |
| Carbon dioxide   |

## 6. ACCIDENTAL RELEASE MEASURES

|   |
|---|
| <b>Personal precautions, protective equipment and procedures:</b>                 |
| Ensure adequate ventilation. Use chemical safety goggles for eye/face protection. |
| <b>Environmental Precautions:</b>   |
| Non-hazardous, but avoid direct releases to the environment.                      |
| <b>Containment Equipment and Procedures:</b>                                      |
| Non-hazardous, but avoid direct releases to the environment.                      |
| <b>Clean-up Procedures:</b>   |
| Pick up with absorbent material and collect for disposal.                         |

## 7. HANDLING AND STORAGE

|  |
|--|
| <b>Precautions for safe handling:</b>  |
| No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other Exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures. |
| <b>Conditions for safe storage, including any incompatibilities</b>  |
| Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep Container closed when not in use.  |

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

|                    |  |
|--------------------|--|
| <b>Eyes</b>        | Use tightly sealed goggles.  |
| <b>Skin</b>        | If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves. |
| <b>Respiratory</b> | In case of insufficient ventilation, wear suitable respiratory equipment or move in open air.                      |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Clear to pale yellow.

**Odour:** Characteristic odour

**Solubility in water:** Miscible

**Kinematic viscosity:** ~50 mPa.s

**Boiling point/range°C:** ~100 **Melting point/range°C:** ~0

**Flash point°C:** >100 **Relative density:** 1.05 @ 20°C

**pH:** 4.5 - 5.5 @ 20°C

## 10. STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>Reactivity</b>                         | This material presents no significant reactivity hazard.   |
| <b>Chemical stability</b>                 | The product is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after six months. |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization will not occur.   |

|   |   |
|---|---|
| <b>Conditions to avoid</b>              | Avoid sparks, flame and other heat sources. |
| <b>Incompatible materials</b>           | Strong oxidizing agents.                    |
| <b>Hazardous decomposition products</b> | Carbon Oxides.                              |

### 11. TOXICOLOGICAL INFORMATION

|                        |   |
|------------------------|---|
| <b>Acute toxicity</b>  | Not available.  |
| <b>Carcinogenicity</b> | None of the components of this material are listed as a carcinogen.   |
| <b>Inhalation</b>      | Inhalation of high concentrations of vapour may result in irritation of eyes, nose and throat, headache, nausea, & dizziness. |
| <b>Skin contact</b>    | Non toxic   |
| <b>Eye contact</b>     | Not available.  |
| <b>Single exposure</b> | People allergic to the flower family may experience irritation.   |

### 12. ECOLOGICAL INFORMATION

|                     |  |
|---------------------|--|
| <b>Eco toxicity</b> | Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water |
|---------------------|--|

### 13. DISPOSAL CONSIDERATION

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|--|
| Dispose of product in accordance with local, state or provincial and federal regulations. Check with local Municipal authority to ensure compliance. |
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### 14. TRANSPORT INFORMATION

|  |                |
|--|----------------|
| <b>US DOT Shipping Description (Land)</b>  | Not regulated. |
| <b>IMO-IMDG Shipping Description (Sea)</b> | Not regulated. |
| <b>IATA Shipping Description (Air)</b>     | Not regulated. |

### 15. REGULATORY INFORMATION

|      |
|------|
| None |
|------|

### 16. OTHER INFORMATION

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|---|
| Date Created JUNE 11 <sup>th</sup> , 2022 |
|---|

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## Certificate of Analysis

**Name:** Cocoamidopropyl Betain

**Country of Origin:** India

**Lot No:** BPCCB112022

**Expiry:** November 2025

### Specifications

#### COCOAMIDOPROPYL BETAIN

##### Description

Cocamidopropyl betaine is an aqueous solution.

##### Typical Properties

|                   |                    |
|-------------------|--------------------|
| Appearance @ 20°C | pale yellow liquid |
| Active content    | 30% approx.        |
| Sodium chloride   | 5% approx.         |
| pH                | 5 approx.          |
| Density @ 20°C    | 1.0 g/ml approx.   |
| Total solids      | 35% approx.        |
| Free amidoamine   | 1% approx.         |

##### Specification

|                 |           |
|-----------------|-----------|
| Active content  | 29% min   |
| Sodium chloride | 6.0% max  |
| pH              | 4.0 - 7.0 |
| Free amidoamine | 0.5% max  |

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