

## Cocamidopropyl Betaine

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 21-Jun-2022  
Supersedes: 04-Feb-2016

### 1 PRODUCT & COMPANY IDENTIFICATION

|                      |                        |                            |  |
|----------------------|------------------------|----------------------------|--|
| <b>Product Name:</b> | Cocamidopropyl Betaine | <b>Distributor:</b>        | XI'AN AOGU BIOTECH CO.,LTD   |
| <b>Synonyms:</b>     | No data available      | <b>Address:</b>            | Room 606,Block B3,Jinye Times,No.32,East Section of Jinye Road,Yanta District,Xi'an Shaanxi 710065 China |
| <b>INCI Name:</b>    | Cocamidopropyl betaine | <b>Phone / Fax:</b>        | 0086-29-89121514   |
| <b>CAS Number:</b>   | 61789-40-0             | <b>Web:</b>                | <a href="http://www.AOUBIO.com">www.AOUBIO.com</a>   |
| <b>Formula:</b>      | No data available      | <b>Emergency Telephone</b> | 0086-18091843361   |
| <b>Product Form:</b> | Liquid                 |                            |  |
| <b>Product Use:</b>  | Cosmetic use           |                            |  |

### 2 HAZARDS IDENTIFICATION

|                                      |  |         |   |        |              |   |        |            |   |         |                     |   |  |
|--------------------------------------|--|---------|---|--------|--------------|---|--------|------------|---|---------|---------------------|---|--|
| <b>GHS Classification:</b>           | Skin Irritant - Category 2<br>Severe Eye Irritant - Category 2A  |         |   |        |              |   |        |            |   |         |                     |   |  |
| <b>GHS Signal Word:</b>              | <b>WARNING</b>   |         |   |        |              |   |        |            |   |         |                     |   |  |
| <b>GHS Hazard Pictograms:</b>        |    |         |   |        |              |   |        |            |   |         |                     |   |  |
| <b>GHS Hazard Statements:</b>        | H315: Causes skin irritation.<br>H320: Causes eye irritation.<br>P264: Wash thoroughly after handling.<br>P273: Avoid release to the environment.  |         |   |        |              |   |        |            |   |         |                     |   |  |
| <b>GHS Precautionary Statements:</b> | P280: Wear protective glove/protective clothing/eye protection/face protection.<br>P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P337 + P313: If eye irritation persists, get medical advice/attention.<br>P402 + P404: Store in a dry place. Store in closed container.<br>P501: Dispose of contents/container in accordance with local guidelines. |         |   |        |              |   |        |            |   |         |                     |   |  |
| <b>Potential Health Hazards:</b>     | Eyes: Can be irritant.<br>Inhalation: Not expected to be irritant.<br>Skin: May be irritant.<br>Ingestion: May be irritant.  |         |   |        |              |   |        |            |   |         |                     |   |  |
| <b>NFPA Ratings (704):</b>           | <table border="0"> <tr> <td>Health</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Personal Protection</td> <td>B</td> <td></td> </tr> </table>  | Health  | 1 | Slight | Flammability | 1 | Slight | Reactivity | 0 | Minimal | Personal Protection | B |  |
| Health                               | 1  | Slight  |   |        |              |   |        |            |   |         |                     |   |  |
| Flammability                         | 1  | Slight  |   |        |              |   |        |            |   |         |                     |   |  |
| Reactivity                           | 0  | Minimal |   |        |              |   |        |            |   |         |                     |   |  |
| Personal Protection                  | B  |         |   |        |              |   |        |            |   |         |                     |   |  |

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u>             | <u>CAS No.</u> | <u>Weight %</u> | <u>Molecular Weight</u> |
|------------------------------|----------------|-----------------|-------------------------|
| Water                        | 7732-18-5      | 56-64%          | Not available           |
| Cocamidopropyl betaine       | 61789-40-0     | 30-32%          | Not available           |
| Sodium Chloride              | 7643-14-5      | 5.0%            | Not available           |
| Glycerin                     | 56-81-5        | 2%              | Not available           |
| 3-Dimethylaminopropylamine   | 109-55-7       | <0.3%           | Not available           |
| EDTA Tetrasodium Salt        | 64-02-8        | <0.3%           | Not available           |
| Methylchloroisothiazolinone/ | 26172-55-4     | <0.1%           | Not available           |

methylisothiazolinone 2682-20-4

## 4 FIRST AID MEASURES

**Eyes:** Immediately flush eyes with large amounts of water for at least 15 minutes. Seek medical attention if necessary.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

**Skin:** In case of contact, wash thoroughly with soap and water. Seek medical attention if necessary.

**Ingestion:** Rinse mouth. If ingestion of a large amount does occur, call a POISON CONTROL CENTER immediately. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.

## 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** Use appropriate media (water fog or spray, foam, dry powder, carbon dioxide [CO<sub>2</sub>]) for adjacent fire. Do not use direct water jet.

**Special protective equipment & precautions for firefighters:** Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

**Flash Points:** No data available

**Specific hazards arising from the chemical:** Hazardous decomposition products: oxides of carbon and nitrogen. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** Do not try to clean up the leak without proper protective equipment. Ensure adequate ventilation. See section 8 for recommendations on the use of personal protective equipment.

**Environmental precautions:** Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

**Methods and material for containment and cleaning up:** Soak up with an absorbent material. In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Normal precautions should be observed as for handling all chemicals. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

**Conditions for safe storage, incl. any incompatibilities:** Store in original sealed containers. Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| <u>Component</u>       | <u>Exposure Limits</u> | <u>Basis</u> | <u>Entity</u> |
|------------------------|------------------------|--------------|---------------|
| Cocamidopropyl betaine | No data available      |              |               |

TWA: Time Weighted Average over 8 hours of work.  
 TLV: Threshold Limit Value over 8 hours of work.  
 REL: Recommended Exposure Limit  
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.  
 IDLH: Immediately Dangerous to Life or Health  
 WEEL: Workplace Environmental Exposure Levels  
 CEIL: Ceiling

**Personal Protection:**

**Eyes:** Wear eye/face protection. Wear safety glasses with side shields (or goggles) and a face shield. Do not get in eyes.

**Inhalation:** No special protective equipment needed. Provide effective ventilation to draw fumes and vapors away from workers to prevent routine inhalation.

**Body:** Wear appropriate chemical resistant clothing and gloves.

**Other:** Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|  |                   |                                     |                    |
|--|-------------------|-------------------------------------|--------------------|
| <b>Appearance:</b>                             | Liquid            | <b>Vapor Pressure:</b>              | No data available  |
| <b>Odor:</b>                                   | Little to no odor | <b>Vapor Density:</b>               | No data available  |
| <b>Odor Threshold:</b>                         | No data available | <b>Evaporation Rate:</b>            | No data available  |
| <b>Color:</b>                                  | Pale yellow       | <b>Flammability:</b>                | No data available  |
| <b>Molecular Weight:</b>                       | No data available | <b>Upper/lower Explosive Limit:</b> | No data available  |
| <b>pH:</b>                                     | 6.0-7.5           | <b>Flash Point:</b>                 | No data available  |
| <b>Boiling Point:</b>                          | Approx. 212 °F    | <b>Specific Gravity:</b>            | No data available  |
| <b>Melting Point:</b>                          | No data available | <b>Solubility:</b>                  | Infinitely soluble |
| <b>Relative Density:</b>                       | 1.05 (water = 1)  | <b>Auto-Ignition Temperature:</b>   | No data available  |
| <b>Partition Coefficient: n-octanol/water:</b> | No data available | <b>Decomposition Temperature:</b>   | Not determined     |
| <b>Viscosity @ 25 °C:</b>                      | <100 cps          | <b>Explosive Properties:</b>        | No data available  |
| <b>Oxidizing Properties:</b>                   | No data available | <b>Freezing Point:</b>              | No data available  |

## 10 STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>Reactivity:</b>                       | Stable at room temperature, no reaction risk.           |
| <b>Chemical Stability:</b>               | Stable under normal ambient temperature and conditions. |
| <b>Hazardous Polymerization:</b>         | No data available                                       |
| <b>Conditions to Avoid:</b>              | Keep away from heat, sparks, and flame.                 |
| <b>Incompatible Materials:</b>           | None.   |
| <b>Hazardous Decomposition Products:</b> | Oxides of carbon and nitrogen.                          |

## 11 TOXICOLOGICAL INFORMATION

|  |   |
|--|---|
| <b>Acute Oral Toxicity:</b>            | LD50 Rabbit: 2335 mg/kg   |
| <b>Acute Dermal Toxicity:</b>          | LD50 Rabbit: >2,000 mg/kg   |
| <b>Skin:</b>                           | Irritant.   |
| <b>Eyes:</b>                           | Irritant.   |
| <b>Respiratory:</b>                    | No data available   |
| <b>Ingestion:</b>                      | No data available   |
| <b>Carcinogenicity:</b>                | This chemical is not considered to be carcinogenic by NTP, IARC, or OSHA. |
| <b>Teratogenicity:</b>                 | No data available   |
| <b>Germ Cell Mutagenicity:</b>         | No data available   |
| <b>Embryotoxicity:</b>                 | No data available   |
| <b>Specific Target Organ Toxicity:</b> | No data available   |
| <b>Reproductive Toxicity:</b>          | No data available   |
| <b>Respiratory/Skin Sensitization:</b> | No data available   |
| <b>Corrosivity:</b>                    | No data available   |
| <b>Sensitization:</b>                  | No data available   |
| <b>Irritation:</b>                     | No data available   |
| <b>Repeated Dose Toxicity:</b>         | No data available   |

## 12 ECOLOGICAL INFORMATION

|                                       |                         |
|---------------------------------------|-------------------------|
| <b>Ecotoxicity</b>                    |                         |
| <b>Aquatic Vertebrate:</b>            | No data available       |
| <b>Aquatic Invertebrate:</b>          | No data available       |
| <b>Terrestrial:</b>                   | No data available       |
| <b>Persistence and Degradability:</b> | Readily biodegradable.  |
| <b>Bioaccumulative Potential:</b>     | Does not bioaccumulate. |
| <b>Mobility in Soil:</b>              | No data available       |

**PBT and vPvB Assessment:** No data available  
**Other Adverse Effects:** No data available

## 13 DISPOSAL CONSIDERATIONS

**Waste Residues:** Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

**Product Containers:** Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

|  |                   |
|--|-------------------|
| <b>DOT (Dept. of Transportation, USA):</b>               | Not regulated     |
| <b>TDG (Transportation of Dangerous Goods, Canada):</b>  | No data available |
| <b>IMDG (International Maritime Dangerous Goods):</b>    | Not regulated     |
| <b>IATA (International Air Transport Association):</b>   | Not regulated     |
| <b>ICAO (International Civil Aviation Organization):</b> | No data available |
| <b>ADR:</b>  | Not regulated     |

## 15 REGULATORY INFORMATION

Contents of this SDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200

|  |  |
|--|--|
| <b>TSCA Inventory Status:</b>                  | Listed.  |
| <b>DSCL (EEC):</b>                             | No data available  |
| <b>WHMIS (Canada):</b>                         | No data available  |
| <b>DSL (Canada):</b>                           | No data available  |
| <b>EU EINECS/ELINCS/NLP:</b>                   | No data available  |
| <b>China IECSC:</b>                            | No data available  |
| <b>China IECIC (06.30.2014):</b>               | No data available  |
| <b>Australia AICS:</b>                         | No data available  |
| <b>Japan ENCS:</b>                             | No data available  |
| <b>Philippines PICCS:</b>                      | No data available  |
| <b>Korea KECI:</b>                             | No data available  |
| <b>New Zealand NZIoC:</b>                      | No data available  |
| <b>Prop. 65:</b>                               | Dichloroacetic Acid (CAS 79-43-6) <10ppm                           |
| <b>Clean Air Act, Section 112:</b>             | This product does not contain any hazardous air pollutants (HAPs). |
| <b>SARA 302 Extremely Hazardous Substance:</b> | No.  |
| <b>SARA 311 Hazardous Substance:</b>           | Yes.   |

## 16 OTHER INFORMATION

**Revision Date:** 21-Jun-2022

**Compliance:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.