

## Glycine-Benzoic Acid


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

Revision Date: 30-Dec-2024  
Supersedes: 02-Jan-2020

### 1 PRODUCT & COMPANY IDENTIFICATION

|                      |                                                          |                                                              |                                                                      |
|----------------------|----------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------|
| <b>Product Name:</b> | Glycine-Benzoic Acid                                     | <b>Distributor:</b>                                          | MakingCosmetics Inc.                                                 |
| <b>Synonyms:</b>     | No data available                                        | <b>Address:</b>                                              | 10800 231 <sup>st</sup> Way NE<br>Redmond, WA 98053 (USA)            |
| <b>INCI Name:</b>    | Benzoic Acid, Capryloyl Glycine,<br>Undecylenoyl Glycine | <b>Phone / Fax:</b>                                          | 425-292-9502 / 425-292-9601                                          |
| <b>CAS Number:</b>   | 65-85-0, 14246-53-8, 54301-26-7                          | <b>Web:</b>                                                  | <a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a> |
| <b>Formula:</b>      | No data available                                        | <b>Emergency Telephone Number: 1-800-424-9300 (Chemtrec)</b> |                                                                      |
| <b>Product Form:</b> | Solid                                                    |                                                              |                                                                      |
| <b>Product Use:</b>  | Cosmetic use                                             |                                                              |                                                                      |

### 2 HAZARDS IDENTIFICATION

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |     |     |              |     |     |            |     |     |                 |     |  |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|-----|--------------|-----|-----|------------|-----|-----|-----------------|-----|--|
| <b>Classification:</b>           | Acute oral toxicity: Category 5.<br>Skin irritation: Category 2.<br>Eye damage: Category 1.<br>STOT: Repeated Exposure: Category 1.<br>Acute aquatic toxicity: Category 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |     |     |              |     |     |            |     |     |                 |     |  |
| <b>Signal Word:</b>              | <b>DANGER!</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |     |     |              |     |     |            |     |     |                 |     |  |
| <b>Hazard Pictograms:</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |     |     |              |     |     |            |     |     |                 |     |  |
| <b>Hazard Statements:</b>        | H303: May be harmful if swallowed.<br>H315: Causes skin irritation.<br>H318: Causes serious eye damage.<br>H372: Causes damage to organs through prolonged or repeated exposure.<br>H402: Harmful to aquatic life.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |     |     |              |     |     |            |     |     |                 |     |  |
| <b>Precautionary Statements:</b> | P260: Do not breathe dust/fume/gas/mist/vapours/spray.<br>P270: Do not eat, drink or smoke when using this product.<br>P273: Avoid release to the environment.<br>P280: Wear protective gloves/protective clothing/eye protection/face protection.<br>P302 + P352: IF ON SKIN: Wash with plenty of soap and water.<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. P310: Immediately call a POISON CENTER or doctor/physician.<br>P332 + P313: If skin irritation occurs: Get medical advice/attention.<br>P362 + P364: Take off contaminated clothing and wash it before reuse.<br>P501: Dispose of contents/container in accordance with local/regional/national/international regulations. |        |     |     |              |     |     |            |     |     |                 |     |  |
| <b>Potential Health Hazards:</b> | Eyes: Causes serious eye damage.<br>Inhalation: Causes damage to organs through prolonged or repeated exposure.<br>Skin: Causes skin irritation.<br>Ingestion: May be harmful if swallowed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |     |     |              |     |     |            |     |     |                 |     |  |
| <b>NFPA Ratings (704):</b>       | <table border="1"> <tr> <td>Health</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Flammability</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Reactivity</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2">N/A</td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Health | N/A | N/A | Flammability | N/A | N/A | Reactivity | N/A | N/A | Specific Hazard | N/A |  |
| Health                           | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A    |     |     |              |     |     |            |     |     |                 |     |  |
| Flammability                     | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A    |     |     |              |     |     |            |     |     |                 |     |  |
| Reactivity                       | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A    |     |     |              |     |     |            |     |     |                 |     |  |
| Specific Hazard                  | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |     |     |              |     |     |            |     |     |                 |     |  |

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS No.</u> | <u>Weight %</u> | <u>Molecular Weight</u> |
|------------------|----------------|-----------------|-------------------------|
|------------------|----------------|-----------------|-------------------------|

|                      |            |      |               |
|----------------------|------------|------|---------------|
| Benzoic Acid         | 65-85-0    | ≥45% | Not Available |
| Capryloyl Glycine    | 14246-53-8 | <25% | Not Available |
| Undecylenoyl Glycine | 54301-26-7 | <25% | Not Available |

## 4 FIRST AID MEASURES

|                    |                                                                                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eyes:</b>       | Immediately flush eyes with running water, keeping the eyelids open forcibly. Remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Seek medical attention. Treat symptomatically. |
| <b>Inhalation:</b> | Remove to fresh air. Seek medical attention, if necessary. Treat symptomatically.                                                                                                                                                               |
| <b>Skin:</b>       | Cleanse with plenty of water, soap, or other non-irritating cleansing agents. Seek medical attention if necessary. Treat symptomatically.                                                                                                       |
| <b>Ingestion:</b>  | Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Immediately rinse mouth and then drink plenty of water. Seek medical attention, if necessary. Treat symptomatically.                                             |

## 5 FIRE-FIGHTING MEASURES

|                                                                         |                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable (and unsuitable) extinguishing media:</b>                   | May be combustible at high temperatures. Use appropriate media (dry chemical powder, carbon dioxide, foam, water spray) for surrounding environment and adjacent fire. Do not use direct water stream, which may spread fire. |
| <b>Special protective equipment &amp; precautions for firefighters:</b> | Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.                                                                                                                     |
| <b>Flash Points:</b>                                                    | No data available.                                                                                                                                                                                                            |
| <b>Specific hazards arising from the chemical:</b>                      | Development of hazardous combustion products like oxides of carbon, nitrogen or vapors, possible in the event of fire. See also Stability and reactivity section.                                                             |

## 6 ACCIDENTAL RELEASE MEASURES

|                                                                               |                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment &amp; emergency procedures:</b> | Wash hands after exposure with the product. Avoid inhalation and contact with skin, eyes, and clothing. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment. |
| <b>Environmental precautions:</b>                                             | Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.                                                                                                                                                |
| <b>Methods and material for containment and cleaning up:</b>                  | Collect in suitable and properly labelled container. Avoid inhalation. Dispose of absorbed material in accordance with the regulations.                                                                                                                     |

## 7 HANDLING & STORAGE

|                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions for safe handling:</b>                            | Follow general occupational hygiene such as, wash hands after use. Remove contaminated clothing. Avoid spill. Use appropriate personal protective equipment while handling the material. Follow safe procedures for loading and un-loading of product. Keep container tightly closed and dry. See section 8 for recommendations on the use of personal protective equipment.                                                                                                                                                                                                                                   |
| <b>Conditions for safe storage, incl. any incompatibilities:</b> | Store the material in a clean, dry place at ≤40°C away from direct heat and sunlight. In original sealed condition, when stored as suggested, the shelf life of product is two years. Color of the product may deteriorate, if exposed to higher temperature (>40°C) and sunlight. Once drum is opened, consume the product within a week. Stacking of fiber drums (palletized): 1+1, both while storage and during transport. Suitable packing materials include paper fiber drum with liner. Do not use mild steel packaging. Store away from incompatible materials (see section 10 for incompatibilities). |

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| <u>Component</u>            | <u>Exposure Limits</u>                                       | <u>Basis</u> | <u>Country</u> |
|-----------------------------|--------------------------------------------------------------|--------------|----------------|
| Benzoic Acid (CAS: 65-85-0) | 0.1 ppm (Inhalable fraction and vapor)                       | TWA          | Germany (AGS)  |
|                             | 0.5 mg/m <sup>3</sup>                                        | TWA          | Germany (AGS)  |
|                             | 0.4 ppm (Inhalable fraction & vapor) (15 min. average value) | STEL         | Germany (AGS)  |
|                             | 2 mg/m <sup>3</sup> (Inhalable fraction & vapor)             | STEL         | Germany (AGS)  |

|                                                                                                |      |               |
|------------------------------------------------------------------------------------------------|------|---------------|
| vapor) (15 min. average value)                                                                 |      |               |
| 0.5 mg/m <sup>3</sup> (Respirable fraction) (Inhalable fraction & vapor)                       | TWA  | Germany (DFG) |
| 2 mg/m <sup>3</sup> (Respirable fraction) (Inhalable fraction & vapor) (15 min. average value) | STEL | Germany (DFG) |
| 5 mg/m <sup>3</sup>                                                                            | TWA  | Latvia        |
| 0.2 ppm                                                                                        | TWA  | Switzerland   |
| 1 mg/m <sup>3</sup> (Respirable fraction)                                                      | TWA  | Switzerland   |
| 10 mg/m <sup>3</sup> (Inhalable fraction)                                                      | TWA  | Switzerland   |
| 0.8 ppm                                                                                        | STEL | Switzerland   |
| 4 mg/m <sup>3</sup> (Respirable fraction) (15 min. average value)                              | STEL | Switzerland   |
| 20 (Inhalable fraction) (15 min. average value)                                                | STEL | Switzerland   |

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 safety goggles.
- Inhalation:** Wear dust mask when dust is generated.
- Body:** Wear rubber gloves, an apron, and shoes.
- Other:** Use good personal hygiene practices. Consider appropriate engineering controls, such as; proper plant design, technical measures and working operations should minimize human exposure. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|                                                |                    |                                     |                                                              |
|------------------------------------------------|--------------------|-------------------------------------|--------------------------------------------------------------|
| <b>Appearance:</b>                             | Solid flakes       | <b>Vapor Pressure:</b>              | No data available                                            |
| <b>Odor:</b>                                   | Fatty              | <b>Vapor Density:</b>               | No data available                                            |
| <b>Odor Threshold:</b>                         | No data available  | <b>Evaporation Rate:</b>            | No data available                                            |
| <b>Color:</b>                                  | White to off-white | <b>Flammability:</b>                | No data available                                            |
| <b>Molecular Weight:</b>                       | No data available  | <b>Upper/lower Explosive Limit:</b> | No data available                                            |
| <b>pH at 25 °C:</b>                            | 2.5 - 3.5          | <b>Flash Point:</b>                 | No data available                                            |
| <b>Boiling Point:</b>                          | No data available  | <b>Specific Gravity:</b>            | No data available                                            |
| <b>Melting Point:</b>                          | 90 - 95 °C         | <b>Solubility:</b>                  | Water: Insoluble; Soluble in 1:1 of Isopropyl Alcohol: Water |
| <b>Bulk Density:</b>                           | 500 - 600 g/l      | <b>Auto-Ignition Temperature:</b>   | No data available                                            |
| <b>Partition Coefficient: n-octanol/water:</b> | No data available  | <b>Decomposition Temperature:</b>   | 212°F (>100 °C)                                              |
| <b>Viscosity:</b>                              | Not applicable     | <b>Explosive Properties:</b>        | No data available                                            |
| <b>Oxidizing Properties:</b>                   | No data available  | <b>Metal Corrosion:</b>             | No data available                                            |

## 10 STABILITY AND REACTIVITY

|                                          |                                                                                                          |
|------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Reactivity:</b>                       | No hazardous reactions, if stored and handled as prescribed (Refer Section 7).                           |
| <b>Chemical Stability:</b>               | Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. |
| <b>Hazardous Polymerization:</b>         | No data available.                                                                                       |
| <b>Conditions to Avoid:</b>              | Sunlight, heat, flame and other sources of ignition.                                                     |
| <b>Incompatible Materials:</b>           | Do not subject to strong acids, alkali, oxidizing and reducing agents.                                   |
| <b>Hazardous Decomposition Products:</b> | Will not form, if stored or handled as prescribed.                                                       |
| <b>Possible Hazardous Reactions:</b>     | Not anticipated when used or handled as prescribed.                                                      |

## 11 TOXICOLOGICAL INFORMATION

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Acute Toxicity:</b>                 | No data available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Skin:</b>                           | (Rabbit) Component: Benzoic Acid; LD50: > 2000 mg/kg bw (Fixed dose procedure).<br>(Rabbit) Component: Capryloyl Glycine; LD50: > 2000 mg/kg bw (OECD 402).<br>(Rat) Component: Undecylenoyl Glycine; LD0: > 2000 mg/kg bw (OECD 402/EU Method B.3).<br>Product causes skin irritation.                                                                                                                                                                                                                                                                                                                                                         |
| <b>Eyes:</b>                           | (Rabbit) Component: Benzoic Acid; Product is corrosive (EU Method B.5).<br>(Rabbit) Component: Capryloyl Glycine; Irritating (OECD 405).<br>(Rabbit) Component: Undecylenoyl Glycine; Irritating with effects not fully reversible within 21 days (OECD 405). Product poses a risk of serious damage to eyes.                                                                                                                                                                                                                                                                                                                                   |
| <b>Inhalation:</b>                     | (Rat) Component: Benzoic Acid; LC50: (4 hours): > 12200 mg/m <sup>3</sup> air(dust). Product causes damage to organs through prolonged or and toxicological characteristics repeated exposure.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Ingestion:</b>                      | (Mouse) Component: Benzoic Acid; LD50: 2250 mg/kg bw (Equivalent or similar to OECD 401).<br>(Rat) Component: Capryloyl Glycine; LD50: > 10000 mg/kg bw.<br>(Rat) Component: Undecylenoyl Glycine; LD0: > 2000 mg/kg bw (OECD 401). Product may be harmful if swallowed.                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Carcinogenicity:</b>                | Component: Benzoic Acid; Not classified. (Rat) NOAEL: > 1000 mg/kg bw/day; Read-across approach. Not classified.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Teratogenicity:</b>                 | No data available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Germ Cell Mutagenicity:</b>         | Component: Benzoic Acid; Bacterial reverse mutation assay (in vitro): Negative (Equivalent or similar to OECD 471). Chromosome aberration assay (in vivo): Negative (Equivalent or similar to OECD 475) Read-across approach.<br>Component: Capryloyl Glycine; Bacterial reverse mutation assay (in vitro): Non-mutagenic (OECD 471). In vitro mammalian chromosome aberration test: Negative (OECD 473).<br>Component: Undecylenoyl Glycine; In vitro mammalian chromosome aberration test: Negative (OECD 473). Bacterial reverse mutation assay (in vitro): Negative (OECD 471/Directive 92/69/EEC Method B14/EPA(TSCA)).                    |
| <b>STOT Single Exposure:</b>           | Component: Benzoic Acid: Not classified.<br>Component: Capryloyl Glycine: Not classified.<br>Component: Undecylenoyl Glycine: Not classified.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>STOT Repeated Exposure:</b>         | Component: Benzoic Acid; Classified. Repeated dose toxicity: Oral (Rat): NOAEL: 1000 mg/kg bw/day Read-across approach. Repeated dose toxicity: Dermal (Rabbit): NOAEL: > 2500 mg/kg bw/day (EPA OPP 82-2). Repeated dose toxicity: Inhalation: dust (Rat): NOAEC: ≤ 25 mg/m <sup>3</sup> air. NOAEL systemic: 250 mg/m <sup>3</sup> air (Equivalent or similar to OECD 412).<br>Component: Capryloyl Glycine; Not classified Repeated dose toxicity: Oral (Rat): NOAEL: 200 mg/kg bw/day (OECD 422).<br>Component: Undecylenoyl Glycine: Not classified. Repeated dose toxicity: Oral (Rat): NOEL: 15 mg/kg bw/day (OECD 407 / EU Method B.7). |
| <b>Reproductive Toxicity:</b>          | Component: Benzoic Acid; Not classified.<br>Component: Capryloyl Glycine; Not classified. Toxicity to reproduction: Oral (Rat): NOAEL parental toxicity: 200 mg/kg bw/day NOEL reproduction (mating and fertility): 200 mg/kg bw/day NOEL offspring toxicity: 200 mg/kg bw/day (OECD 422).                                                                                                                                                                                                                                                                                                                                                      |
| <b>Respiratory/Skin Sensitization:</b> | (Guinea Pig) Component: Benzoic Acid; Not sensitizing (Equivalent or similar to OECD Guideline 406).<br>(Guinea Pig) Component: Capryloyl Glycine; Not sensitizing (BIOGIR SA Protocole SMK).<br>(Guinea Pig) Component: Undecylenoyl Glycine; Not sensitizing (OECD 406).                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Skin Corrosion/Irritation:</b>      | (Guinea Pig) Component: Benzoic Acid; Product is irritating.<br>Component: Capryloyl Glycine: Not classified.<br>(Rabbit) Component: Undecylenoyl Glycine; Not irritating (OECD 404).                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Aspiration Toxicity:</b>            | Component: Benzoic Acid; Not classified.<br>Component: Capryloyl Glycine: Not classified.<br>Component: Undecylenoyl Glycine: Not classified.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Likely Route of Exposure:</b>       | Inhalation, dermal and oral.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## 12 ECOLOGICAL INFORMATION

|                            |                                                                                                                                                                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ecotoxicity:</b>        | No data available.                                                                                                                                                                                                                                                                                         |
| <b>Aquatic Vertebrate:</b> | Short term toxicity to fish: (Oncorhynchus mykiss) Component: Benzoic Acid; LC50 (96 hours): 47.3 mg/l (EPA-660/3-75-001, similar to OECD 203). (Lepomis macrochirus) LC50 (96 hours): 44.6 mg/l (EPA-660/3-75-001).<br>Component: Capryloyl Glycine (Danio rerio) LC50 (96 hours): > 100 mg/l (OECD 203). |

|                                       |                                                                                                                                                                                                                                                               |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                       | Long-term toxicity to fish: (Oncorhynchus mykiss) NOEC (28 days): > 120 mg/l (OECD 204/OECD 215).                                                                                                                                                             |
| <b>Aquatic Invertebrate:</b>          | Short-term toxicity to aquatic invertebrates: Component: Benzoic Acid; (Daphnia Magna) LC50 (48 hours): > 100 mg/l (EPA-660/3-75-009, similar to OECD 202). Component: Capryloyl Glycine; (Daphnia Magna) EC50 (48 hours): > 100 mg/l (OECD 202).             |
| <b>Aquatic Algae:</b>                 | Long-term toxicity to aquatic invertebrates: Component: Benzoic Acid; (Daphnia Magna) NOEC (21 days): ≥ 25 mg/l (OECD 211).<br>Component: Benzoic Acid; (Pseudokirchneriella subcapitata) EC50 (72 hours): > 33.1 mg/l, EC10 (72 hours): 3.4 mg/l (OECD 201). |
| <b>Persistence and Degradability:</b> | Component: Capryloyl Glycine; (Green alga) EC50 (96 hours): 4.644 mg/l (QSAR).<br>Component: Benzoic Acid; Readily biodegradable; 84.8% after 14 days (O2 consumption) (OECD 301 C).                                                                          |
| <b>Bioaccumulative Potential:</b>     | Component: Capryloyl Glycine: Readily biodegradable; 86% after 28 days (CO2 evolution) OECD 301 B (Ready Biodegradability: CO2Evolution Test).<br>Component: Benzoic Acid: Log Pow: 1.88.                                                                     |
| <b>Mobility in Soil:</b>              | Component: Capryloyl Glycine: Log Pow: 2.052(OECD 117/EU Method A.8).<br>Component: Benzoic Acid: Adsorption coefficient Koc: 15.49 (QSAR).                                                                                                                   |
| <b>PBT and vPvB Assessment:</b>       | Component: Capryloyl Glycine: Log Koc: < 1.25(OECD 121).<br>No data available.                                                                                                                                                                                |
| <b>Other Adverse Effects:</b>         | Not known.                                                                                                                                                                                                                                                    |

## 13 DISPOSAL CONSIDERATIONS

|                            |                                                                                                                                                                                                                    |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste Residues:</b>     | 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.           |
| <b>Product Containers:</b> | 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>               | No data available.                                              |
| <b>TDG (Transportation of Dangerous Goods, Canada):</b>  | No data available.                                              |
| <b>IMDG (International Maritime Dangerous Goods):</b>    | Not classified as dangerous goods as per transport regulations. |
| <b>IATA (International Air Transport Association):</b>   | Not classified as dangerous goods as per transport regulations. |
| <b>ICAO (International Civil Aviation Organization):</b> | Not classified as dangerous goods as per transport regulations. |
| <b>ADR/RID (Road and Rail Transportation):</b>           | Not classified as dangerous goods as per transport regulations. |

## 15 REGULATORY INFORMATION

|                               |                    |
|-------------------------------|--------------------|
| <b>TSCA Inventory Status:</b> | No data available. |
| <b>Canada (DSL):</b>          | No data available. |
| <b>EU (EINECS):</b>           | No data available. |
| <b>China (IECSC):</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. |

## 16 OTHER INFORMATION

|                       |                                                                                                                                    |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Revision Date:</b> | 30-Dec-2024                                                                                                                        |
| <b>Compliance:</b>    | This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 |
| <b>Disclaimer:</b>    | This information relates only to the specific material designated and may not be valid for such material used in                   |

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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.