

## BioJelly

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

Revision Date: 07/07/2020  
Supersedes: 03/15/2016


### 1 PRODUCT & COMPANY IDENTIFICATION

|                      |  |                                    |  |
|----------------------|--|------------------------------------|--|
| <b>Product Name:</b> | BioJelly   | <b>Distributor:</b>                | MakingCosmetics Inc.   |
| <b>Synonyms:</b>     | No data available  | <b>Address:</b>                    | 10800 231 <sup>st</sup> Way NE                                       |
| <b>INCI Name:</b>    | Coco-caprylate/caprato, triheptanoin,<br>C9-12 alkane, dilinoleic<br>acid/propanediol/PDI crosspolymer |                                    | Redmond, WA 98053 (USA)  |
| <b>CAS Number:</b>   | 95912-86-0, 620-67-7, 8001-79-4, 112-40-3, N/A   | <b>Phone / Fax:</b>                | 425-292-9502 / 425-292-9601  |
| <b>Formula:</b>      | No data available  | <b>Web:</b>                        | <a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a> |
| <b>Product Form:</b> | Gel/paste  |                                    |  |
| <b>Product Use:</b>  | Cosmetic use   | <b>Emergency Telephone Number:</b> | 1-800-424-9300<br>(Chemtrec)   |

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Physical, Flammable Liquids, 4  
Health, Aspiration hazard, 1

**Signal Word:** DANGER

**GHS Hazard Pictograms:** 

**GHS Hazard Statements:**  
H227: Combustible liquid  
H304: May be fatal if swallowed and enters airways

**GHS Precautionary Statements:**  
P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...  
P331: Do NOT induce vomiting.  
P370 + P378: In case of fire: Use ... to extinguish.

**Potential Health Hazards:**  
Eyes: May be eye irritant.  
Inhalation: Prolonged inhalation may cause respiratory irritation.  
Skin: May be skin irritant.  
Ingestion: Not expected to be irritant.

**NFPA Ratings (704):**

|                 |     |     |
|-----------------|-----|-----|
| 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> |
|--|-----------------------|-----------------|-------------------------|
| Dilinoleic acid/propanediol/PDI crosspolymer | N/A                   | Proprietary     | Not Available           |
| Coco-Caprylate/Caprato                       | 95912-86-0            | Proprietary     | Not Available           |
| Triheptanoin                                 | 620-67-7<br>8001-79-4 | Proprietary     | Not Available           |

C9-12 Alkane

112-40-3

Proprietary

Not Available

## 4 FIRST AID MEASURES

**Eyes:** Flush eyes with water for at least 15 minutes. Consult physician if irritation persists.  
**Inhalation:** Remove victim to fresh air. Seek medical attention if respiratory or distress occurs.  
**Skin:** Wash affected areas with soap and water. Consult physician if irritation persists.  
**Ingestion:** If swallowed, call physician immediately. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person.

## 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.  
**Special protective equipment & precautions for firefighters:** Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.  
**Flash Points:** 177.8° F (81° C)  
**Specific hazards arising from the chemical:** None known. 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. 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:** Dike and soap up with inert absorbent material (e.g. sand, silica gel, sawdust). Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation, avoid eye and skin contact. Keep container closed when not in use.  
**Conditions for safe storage, incl. any incompatibilities:** 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> |
|------------------|------------------------|--------------|---------------|
| BioJelly         | Not 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:** Chemical safety glasses with side shields or splash proof goggles should be worn.  
**Inhalation:** Use with adequate ventilation. Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.  
**Body:** Wear gloves when handling. Wear suitable long-sleeved clothing (i.e., shirts and pants).  
**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>                             | Gel/paste         | <b>Vapor Pressure:</b>              | No data available |
| <b>Odor:</b>                                   | Typical           | <b>Vapor Density:</b>               | No data available |
| <b>Odor Threshold:</b>                         | No data available | <b>Evaporation Rate:</b>            | No data available |
| <b>Color:</b>                                  | No data available | <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>                                     | No data available | <b>Flash Point:</b>                 | No data available |
| <b>Boiling Point:</b>                          | No data available | <b>Specific Gravity @ 25 °C:</b>    | No data available |
| <b>Melting Point:</b>                          | No data available | <b>Solubility:</b>                  | Insoluble         |
| <b>Relative Density:</b>                       | No data available | <b>Auto-Ignition Temperature:</b>   | No data available |
| <b>Partition Coefficient: n-octanol/water:</b> | No data available | <b>Decomposition Temperature:</b>   | No data available |
| <b>Viscosity:</b>                              | No data available | <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>                       | No data available  |
| <b>Chemical Stability:</b>               | Stable.  |
| <b>Hazardous Polymerization:</b>         | Not known to occur.  |
| <b>Conditions to Avoid:</b>              | Avoid sparks or combustion sources. Use with adequate ventilation. |
| <b>Incompatible Materials:</b>           | None known.  |
| <b>Hazardous Decomposition Products:</b> | May produce toxic oxides of carbon or nitrogen upon combustion.    |

## 11 TOXICOLOGICAL INFORMATION

|  |                              |
|--|------------------------------|
| <b>Acute Toxicity:</b>                         | No data available            |
| <b>Skin:</b>                                   | Not expected to be irritant. |
| <b>Eyes:</b>                                   | Not expected to be irritant. |
| <b>Respiratory:</b>                            | No data available            |
| <b>Ingestion:</b>                              | Not expected to be irritant. |
| <b>Carcinogenicity:</b>                        | No data available            |
| <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: Respiratory/Skin</b> | No data available            |
| <b>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> | This product is able to achieve the requirements for Ultimate Degradation by degrading to a ThCO <sub>2</sub> of 7% at the end of the test timeframe (28d). Ultimate biodegradation can be achieved if the amount of biodegradation meets or exceeds the 60% threshold. |
| <b>Bioaccumulative Potential:</b>     | No data available   |
| <b>Mobility in Soil:</b>              | No data available   |
| <b>PBT and vPvB Assessment:</b>       | No data available   |
| <b>Other Adverse Effects:</b>         | No data available   |

## 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 container. |
| <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>               | Not regulated as a dangerous good |
| <b>TDG (Transportation of Dangerous Goods, Canada):</b>  | No data available                 |
| <b>IMDG (International Maritime Dangerous Goods):</b>    | Not regulated as a dangerous good |
| <b>IATA (International Air Transport Association):</b>   | Not regulated as a dangerous good |
| <b>ICAO (International Civil Aviation Organization):</b> | Not regulated as a dangerous good |
| <b>ADNR:</b>   | Not regulated as a dangerous good |
| <b>RID/ADR:</b>  | Not regulated as a dangerous good |

## 15 REGULATORY INFORMATION

|                                  |  |
|----------------------------------|--|
| <b>TSCA Inventory Status:</b>    | No data available  |
| <b>DSCL (EEC):</b>               | No data available  |
| <b>WHMIS (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>SARA 302:</b>                 | No components are listed in SARA Title III, Section 302 Extremely Hazardous Substances.                            |
| <b>SARA 312:</b>                 | SARA Title III, Section 312 Hazard Class:<br>Acute: No<br>Chronic: No<br>Fire: Yes<br>Pressure: No<br>Reactive: No |
| <b>SARA 313:</b>                 | No components present are listed in SARA Title III, Section 313 Toxic Chemicals.                                   |

## 16 OTHER INFORMATION

|                       |   |
|-----------------------|---|
| <b>Revision Date:</b> | 07/07/2020  |
| <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 combination with any other materials or in any other process. Such information is to |

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