



Butyl Stearate

Material Safety Data Sheet

(updated 7-11-2014)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Butyl Stearate

INCI Name: Butyl Stearate

CAS Number: 123-95-5

Chemical Name:

Company Name: MakingCosmetics Inc.

Company Address: 35318 SE Center Street, Snoqualmie WA 98065, Phone 425-292-9502

SECTION 2- COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients are listed if they comprise $\geq 1.0\%$ by weight. "Special Hazardous Substances or Carcinogens" are listed if they comprise $\geq 0.1\%$ by weight

Exposure Limits:

| Product & Composition / Approx. CAS REG No. | Wgt. % | ACGIH TLV TWA | OSHA PEL STEL | TWA | STEL | Units |
|--|--------|------------------|------------------|-----|------|-------|
|--|--------|------------------|------------------|-----|------|-------|

Non-Hazardous Components

| | | | | | | |
|--|-----|------|------|------|------|-----|
| Octadecanoic Acid, Butyl Ester 123-95-5 | 100 | None | None | None | None | ppm |
|--|-----|------|------|------|------|-----|

SECTION 3- HAZARDS IDENTIFICATION

Emergency Overview

No unusual safety, fire, or spill hazards. Consult following MSDS sections for further information

Effects From Acute Exposure

Ingestion: None Known
Skin Contact: None Known
Inhalation: None Known
Eye Contact: May cause mild eye irritation

Medical Conditions Aggravated:

None Known

Subchronic (Target Organ) Effects:

An adverse effect with symptoms that develop slowly over a long period of time.
None Known

SECTION 4- FIRST AID MEASURES

Ingestion: If vomiting occurs, keep head lower than hips to prevent aspiration.
Skin: For skin contact, wipe away excess material with dry towel. Then wash affected areas with plenty of water, and mild soap if available, for several minutes. Get medical attention if irritation occurs.
Inhalation: Move person to fresh air
Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Note to Physician: Treatment based on sound judgment of physician and individual reactions of patient.

MakingCosmetics.com Inc.

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SECTION 5- FIRE FIGHTING MEASURES

| | |
|---|---|
| Flash Point: | 198 deg. C |
| Method: | The test method used is listed as closed cup (PMCC TCC) or open cup (COC): COC |
| Flammable Limits in air – Upper (%): | Maximum % by volume of vapor in air above which propagation of flame does not occur on contact with a source of ignition: Unknown |
| Sensitivity to Mechanical Impact (Y/N): | No |
| Sensitivity to Static Discharge: | Sensitivity to static discharge is not expected |
| Extinguishing Media: | Water fog, carbon dioxide, foam, dry chemical |
| Special Firefighting Procedures: | Containers can build up pressure if exposed to heat (fire). Vapors may form ignitable mixture with air. |

SECTION 6- ACCIDENTAL RELEASE MEASURES

Wash walking surfaces with detergent and water to reduce slipping hazard. Large quantity spills should be contained and pumped into drums for recovery or disposal. Wipe, scrape or soak up in an inert material and put in a container for disposal.

SECTION 7- HANDLING AND STORAGE

Precautions to be taken in Handling and Storage: Good hygienic practices should be observed. Work clothes should be washed separately at the end of each work day. Disposable clothing should be discarded with material. Recommended storage in original container below 40 deg. C (105 deg. F)

| | | | |
|--------------|------------------|------------------------|----------------------|
| NFPA: | Health: 1 | Flammability: 1 | Reactivity: 0 |
| HMIS: | Health: 1 | Flammability: 1 | Reactivity: 0 |

SECTION 8- EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|-----------------------------------|---|
| Engineering Controls: | None required |
| Respiratory Protection Equipment: | None required under normal conditions |
| Protective Gloves: | None required under normal conditions |
| Eye and Face Protection: | Wear safety glasses or goggles to protect against exposure. |
| Other Protective Equipment: | Wear clean, body-covering clothing. |
| Ventilation: | None Known |

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

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|----------------------------------|-------------------------|
| Boiling Point: | 343 deg. C |
| Vapor Pressure: | Unknown |
| Vapor Density (Air=1): | NA |
| Freezing Point: | Unknown |
| Melting Point: | < 25 deg. C |
| Physical State: | Liquid |
| Odor: | Slight Ester |
| Color: | Colorless – Clear |
| Odor Threshold (PPM): | Unknown |
| % Volatile by Volume: | NA |
| Evap. Rate (Butyl Acetate=1): | Negligible |
| Pounds/Gallon (Water=8.3): | 7.09 – 7.17 lbs/gal |
| Density @ 25 deg. C (Water=1): | 0.85 – 0.86 |
| Acid / Alkalinity (MEQ/G): | Unknown |
| pH: | 6.5 – 7.5 @ 10% Aq |
| Voc (EPA METH.24) (G/L): | Unknown |
| Solubility in Water (20 deg. C): | Insoluble in Water |
| Solubility in Organic Solvents: | Alcohol, Ether, Acetone |
| Viscosity: | 9.0 cst @ 25 deg. C |

SECTION 10- STABILITY AND REACTIVITY

| | |
|--|----------------|
| Stability: | Stable |
| Hazardous Polymerization: | Will not occur |
| Hazardous Thermal Decomposition / Combustion Products: | None Known |
| Incompatibility (Materials to Avoid): | None Known |
| Conditions to Avoid: | None Known |

SECTION 11- TOXICOLOGICAL INFORMATION

| | |
|-------------------------------|---|
| Acute Oral LD50 (MG/KG): | Product family known to have low acute oral toxicity |
| Acute Dermal LD50 (MG/KG): | Non-Irritating (RBT) |
| Acute Inhalation LC50 (MG/L): | Unknown |
| Ames Test: | Negative |
| Other: | Non-Irritating to skin (rbt), minimally irritating to eye (rbt)... CIR Compendium conclusion: "safe as a cosmetic ingredient in the present practices of use and concentration". Non-Sensitizing to human skin. |

SECTION 12- ECOLOGICAL INFORMATION

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|-------------------------------|----------------------|
| Exotoxicological Information: | No data at this time |
| Chemical Fate Information: | No data at this time |

SECTION 13- DISPOSAL CONSIDERATION

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| Disposal Method: | As local regulations may vary, all waste must be disposed/recycled/reclaimed in accordance with federal, state, and local environmental control regulations. |
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SECTION 14- TRANSPORT INFORMATION

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|--------------------|----------------------------------|
| DOT Shipping Name: | Fatty Acid Ester |
| DOT Hazard Class: | Non-Regulated |
| DOT Label (s): | None |
| UN / NA Number: | None |
| Placards: | None |
| IATA: | Not regulated for Transportation |
| IMO IMDG-Code: | None |

European Class

| | |
|---|---------------|
| RID (OCTI), European Railroad Hazard Class: | Not Available |
| RAR (IATA), European Air Hazard Class: | Not Available |

SECTION 15- REGULATORY INFORMATION

| | |
|------------------------------|---|
| TSCA Status: | All components of this product are listed on the TSCA Inventory. |
| SARA Section 302: | None found |
| SARA (311,312) Hazard Class: | None |
| SARA (313) Chemicals: | This product does not contain a toxic chemical for routine annual 'Toxic Chemical Release Reporting' under Section 313 (40 CFR 372) |
| CERCLA Hazardous Substance: | Not a listed EHS |
| CERCLA Reportable Quantity: | No listed reportable quantity |
| California Proposition 65: | None |

International Regulatory Status:

| | |
|---------------------------|----------------|
| Canadian (DSL) Inventory: | Listed on DSL |
| WHMIS Hazard Class: | Non-Controlled |
| WHMIS Trade Secret: | None |

Export

| | |
|---|--|
| Schdle B / HTSUS: | (Tariff Classification #) 3402.19.1000 |
| ECCN: (Export Commodity Control Number) | Not Available |
| EINECS Inventory Status: | EINECS No. 204-666-5 |



SECTION 15- REGULATORY INFORMATION continued.....

EC Labeling Requirements

| | |
|-------------------------|---------------|
| EC Required Symbol (s): | None Required |
| EC Safety Phrases: | None Required |
| EC Risk Phrases: | None Required |

| | |
|-------------------------------------|----------------------------|
| Korean (ECL) Inventory Status: | ECL Serial No. KE-26345 |
| Japanese (MITI) Inventory Status: | JSCI-II-53 ENCS No. 2-798X |
| Australian (AICS) Inventory Status: | Listed on AICS |
| Chinese Inventory Status: | Not Available |

SECTION 16- OTHER INFORMATION

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

SECTION 17- HAZARD ASSESSMENT

| | |
|-----------------------------------|---------|
| Hazard Assessment Information: | None |
| Same as another existing product: | Unknown |
| Other Information: | None |

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.