



SAFETY DATA SHEET

Poly Suga®Glycinate C

According to Preparation of Safety Data Sheets for Safe Work Australia Hazardous Chemicals Code of Practice, December 2011

SECTION 1: Identification: Product identifier and chemical identity

Product identifier

| | |
|--------------|---|
| Product name | Poly Suga®Glycinate C |
| Product No. | 4331 |
| INCI Name | Sodium Bis-Hydroxyethylglycinate Coco-Glucosides Crosspolymer |

Relevant identified uses of the substance or mixture and uses advised against

| | |
|----------------------|--|
| Application | Surfactant |
| Uses advised against | No specific uses advised against are identified. |

Details of the supplier of the safety data sheet

| | |
|--------------|---|
| Manufacturer | Colonial Chemical, Inc. 225 Colonial Drive South Pittsburg, TN 37380 U.S.A. +1 (423) 837-8800 |
|--------------|---|

Emergency telephone number

| | |
|---------------------|--|
| Emergency telephone | Toll free (in USA, Canada, Puerto Rico, Virgin Islands only): 1-800-424-9300 Direct dial: +1 703-527-3887 |
|---------------------|--|

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

| | |
|------------------|----------------|
| Physical hazards | Not Classified |
| Health hazards | Not Classified |

Label elements

| | |
|---------------------|-----------------------------------|
| Hazard statements | NC Not Classified |
| GHS Classification: | GHS Classification: Not Hazardous |

Other hazards

This product does not contain any substances classified as PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative).

SECTION 3: Composition and information on ingredients

Mixtures

Poly Suga®Glycinate C

| | |
|---|-----------------|
| Water | 30-60% |
| CAS number: 7732-18-5 | |
| Classification Not Classified | |
| D-Glucopyranose, oligomeric, C10-16-alkyl decyl octyl glycosides, 3-[(carboxymethyl)bis(2-hydroxyethyl)ammonio]-2-hydroxypropyl ethers, inner salts, polymers with 1,3-dichloro-2-propanol | 30-60% |
| CAS number: 1268701-17-2 | |
| Classification Not relevant. | |
| Sodium chloride | 10-30% |
| CAS number: 7647-14-5 | |
| Classification Not Classified | |
| dichloroacetic acid | <0.1% |
| CAS number: 79-43-6 | |
| Classification Skin Corr. 1A - H314 Eye Dam. 1 - H318 Not relevant. | |

The full text for all hazard statements is displayed in Section 16.

Composition comments * The identity or exact percentage is withheld as a trade secret.

SECTION 4: First aid measures

Description of first aid measures

| | |
|-----------------------------------|--|
| General information | If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel. |
| Inhalation | No specific recommendations. If throat irritation or coughing persists, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if any discomfort continues. |
| Ingestion | No specific recommendations. If throat irritation or coughing persists, proceed as follows. Rinse mouth. Get medical attention if any discomfort continues. |
| Skin Contact | No specific recommendations. Rinse with water. Get medical attention if any discomfort continues. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues. |
| Protection of first aiders | Use protective equipment appropriate for surrounding materials. |

Poly Suga®Glycinate C

Most important symptoms and effects, both acute and delayed

| | |
|----------------------------|---|
| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| Inhalation | No specific symptoms known. Spray/mists may cause respiratory tract irritation. |
| Ingestion | No specific symptoms known. May cause discomfort if swallowed. |
| Skin contact | No specific symptoms known. May cause discomfort. |
| Eye contact | No specific symptoms known. May be slightly irritating to eyes. |

Indication of any immediate medical attention and special treatment needed

| | |
|-----------------------------|--------------------------------|
| Notes for the doctor | Treat symptomatically. |
| Specific treatments | No special treatment required. |

SECTION 5: Firefighting measures

Extinguishing media

| | |
|---------------------------------------|--|
| Suitable extinguishing media | The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire. |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |

Special hazards arising from the substance or mixture

| | |
|--|---|
| Specific hazards | Containers can burst violently or explode when heated, due to excessive pressure build-up. |
| Hazardous combustion products | Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. |
| Advice for firefighters | |
| Protective actions during firefighting | Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. |
| Special protective equipment for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to Australia/New Zealand Standards AS/NZS 4967 (for clothing) AS/NZS 1801 (for helmets), AS/NZS 4821 (for protective boots), AS/NZS 1801 (for protective gloves) will provide a basic level of protection for chemical incidents. |

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

| | |
|-----------------------------|--|
| Personal precautions | No specific recommendations. For personal protection, see Section 8. |
|-----------------------------|--|

Environmental precautions

| | |
|----------------------------------|---|
| Environmental precautions | Avoid discharge into drains or watercourses or onto the ground. |
|----------------------------------|---|

Methods and material for containment and cleaning up

| | |
|--------------------------------|--|
| Methods for cleaning up | Reuse or recycle products wherever possible. Absorb spillage to prevent material damage. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations. |
|--------------------------------|--|

Reference to other sections

| | |
|------------------------------------|---|
| Reference to other sections | For personal protection, see Section 8. For waste disposal, see Section 13. |
|------------------------------------|---|

Poly Suga®Glycinate C

SECTION 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists.

Advice on general occupational hygiene Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions Store away from incompatible materials (see Section 10). No specific recommendations.

Storage class Unspecified storage.

Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

SECTION 8: Exposure controls and personal protection

Exposure controls

Appropriate engineering controls No specific ventilation requirements.

Eye/face protection No specific eye protection required during normal use. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection No specific hand protection recommended. Large Spillages: Wear protective gloves.

Hygiene measures Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Respiratory protection No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls Not regarded as dangerous for the environment.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance Liquid.

Colour Colourless. to Amber.

Odour Characteristic.

Odour threshold Not available.

pH (10% aqueous): 5.0 – 6.0

Melting point Not available.

Initial boiling point and range >100°C

Flash point Not applicable.

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Poly Suga®Glycinate C

| | |
|--------------------------------------|-------------------|
| Flammability Limit - Lower(%) | Not applicable. |
| Vapour pressure | Not available. |
| Vapour density | Not available. |
| Relative density | Not available. |
| Solubility(ies) | Soluble in water. |
| Partition coefficient | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition Temperature | Not available. |
| Viscosity | Not available. |
| Explosive properties | Not applicable. |
| Oxidising properties | Not applicable. |
| Other information | None. |
| Surface Tension | |
| % Solids | |

SECTION 10: Stability and reactivity

| | |
|---|--|
| Reactivity | See the other subsections of this section for further details. |
| Stability | Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions. |
| Possibility of hazardous reactions | No potentially hazardous reactions known. |
| Conditions to avoid | There are no known conditions that are likely to result in a hazardous situation. |
| Materials to avoid | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
| Hazardous decomposition products | Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. |

SECTION 11: Toxicological information

Information on toxicological effects

| | |
|---|--|
| Toxicological effects | Not regarded as a health hazard under current legislation. |
| <u>Acute toxicity - oral</u> | |
| Notes (oral LD₅₀) | Based on available data the classification criteria are not met. |
| <u>Acute toxicity - dermal</u> | |
| Notes (dermal LD₅₀) | Based on available data the classification criteria are not met. |
| <u>Acute toxicity - inhalation</u> | |
| Notes (inhalation LC₅₀) | Based on available data the classification criteria are not met. |
| <u>Skin corrosion/irritation</u> | |
| Skin corrosion/irritation | Based on available data the classification criteria are not met. |

Poly Suga®Glycinate C

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

General information

No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

No specific symptoms known. Spray/mists may cause respiratory tract irritation.

Ingestion

No specific symptoms known. May cause discomfort if swallowed.

Skin Contact

No specific symptoms known. May cause discomfort.

Eye contact

No specific symptoms known. May be slightly irritating to eyes.

Route of exposure

Ingestion Inhalation Skin and/or eye contact

Target Organs

No specific target organs known.

SECTION 12: Ecological information

Ecotoxicity

Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

Toxicity

Based on available data the classification criteria are not met.

Acute aquatic toxicity

Acute toxicity - aquatic invertebrates

NOEC, 48 hours: 12.5 mg/l, Daphnia magna
EC₅₀, 48 hours: 43.75 mg/l, Daphnia magna

Persistence and degradability

Poly Suga®Glycinate C

Biodegradation The product is inherently biodegradable.

Bioaccumulative potential

Bioaccumulative Potential No data available on bioaccumulation.

Partition coefficient Not available.

Mobility in soil

Mobility No data available.

Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way.

Disposal methods Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

SECTION 14: Transport information

General Not regulated.

Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

SECTION 15: Regulatory information

Inventories

EU - REACH Exempt - Polymer

Canada - DSL/NDSL

All the ingredients are listed or exempt.
NDSL

US - TSCA

All the ingredients are listed or exempt.

Australia - AICS

None of the ingredients are listed or exempt.

Japan - ENCS

Not listed.

Korea - KECI

Not listed.

China - IECSC

Not listed.

Poly Suga®Glycinate C

China - IECIC Not Listed.

Philippines - PICCS

Not listed.

New Zealand - NZIOC

Not listed.

Taiwan - TCSI

Not listed.

SECTION 16: Any other relevant information

Abbreviations and acronyms used in the safety data sheet ADG: Australian dangerous goods code

IATA: International air transport association.

ICAO: Technical instructions for the safe transport of dangerous goods by air.

IMDG: International maritime dangerous goods.

CAS: Chemical abstracts service.

ATE: Acute toxicity estimate.

LC₅₀: Lethal concentration to 50 % of a test population.

LD₅₀: Lethal dose to 50% of a test population (median lethal dose).

EC₅₀: 50% of maximal effective concentration.

PBT: Persistent, bioaccumulative and toxic substance.

vPvB: Very persistent and very bioaccumulative.

Training advice Only trained personnel should use this material.

Issued by Regulatory Affairs Department

Revision date 15/04/2019

Revision 6

Supersedes date 19/09/2018

SDS No. 4984

Hazard statements in full H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.

End of SDS

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.