



Safety Data Sheet

Section 1 - Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identification

Poly Suga®Nate 160P

CAS Number	949116-14-7
EINECS	Not Available
REACH Registration Number	Polymer exempt
Molecular Formula	Not Available
Molecular Weight	Not Available
Product Description	Clear/amber viscous liquid
Synonyms	Sodium Hydroxypropylsulfonate Laurylglucoside Crosspolymer

1.2 Product Identification

Identified Uses	Shampoo, bath gel, facial cleaners, cosmetic remover, bath foams
Uses Advised Against	None

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer	Colonial Chemical, Inc. PO Box 111 South Pittsburg, TN 37380 United States www.colonialchem.com
Telephone (Technical)	423-837-8800
Responsible Party – EU	Comercial Quimica Masso S.A. C/Viladomat 321, 5 th Floor 08029 Barcelona, Spain Telephone: 00 34 93.495.25.00

1.4 Emergency Telephone Number

<u>Emergency</u>	800-424-9300 – Chemtrec
<u>Emergency</u>	703-527-3887 – Chemtrec – International Collect Calls

Section 2 – Hazards Identification

EU/EEC

According to EU Directive 1271/2008 (CLP)/REACH 1907/2006 [amended by 453/2010] and EU Directive 67/548/EEC (DSD) & 1999/45/EC (DPD)

2.1 Classification of the Substance or Mixture

CLP/REACH Not classified

DSD/DPD Not classified

2.2 Label Elements

CLP/REACH None

DSD/DPD None

2.3 Other Hazards

According to Regulation (EC) No. 1272/2008 (CLP) this material is not considered hazardous.

This product is not considered dangerous according to the European Directive 67/548/EEC.

UN GHS

According to Third Revised Edition

2.1 Classification of the Substance or Mixture

Acute Hazards to the aquatic environment – Category 3 – H402

2.2 Label Elements

Prevention	H402 – Harmful to aquatic life.
Response	P273 – Avoid release to the environment.
Storage/Disposal	P501 – Dispose of contents and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other Hazards

According to the Globally Harmonized Standard for Classification and Labeling (GHS) this product is not considered hazardous.

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the Substance or Mixture

OSHA HCS None

2.2 Label Elements

OSHA HCS Not available

2.3 Other Hazards

None

Canada

According to Canada WHMIS

2.1 Classification of the Substance or Mixture

WHMIS Not classified

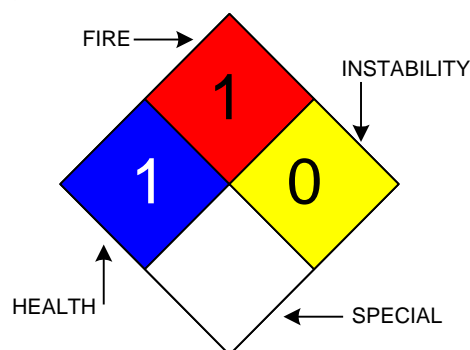
2.2 Label Elements

WHMIS None

2.3 Other Hazards

In Canada, the product mentioned above is not considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

2.3 Other Hazard Rating Systems



NFPA

Section 3 – Composition/Information on Ingredients

3.1 Substances

Chemical Name	Identifiers	% (wt)	LD50/ LC50	Classifications According to Regulation/Directive	Comments
Sodium Hydroxypropylsulfonate Laurylglucoside Crosspolymer	CAS: 949116-14-7	39.4%	NDA	DSD/DPD: Not classified EU CLP: Not classified UN GHS: Acute hazard to the aquatic environment – Category 3	None

3.2 Mixtures

Material does not meet the criteria of a mixture in accordance with Regulation (EC) No 1272/2008.

Section 4 – First Aid Measures

4.1 Description of First Aid Measures

Inhalation Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Skin IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Eye	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Do not give anything by mouth to an unconscious person. Drink (one glass) (two glasses) of water. Call a physician (or poison control center).

4.2 Most Important Symptoms and Effects, both Acute and Delayed

Material has been tested for irritation. A 48-hour patch test was conducted, and Poly SugaNate 160P did not indicate the potential for dermal irritation. Also, Poly SugaNate 160P received a HET-CAM score of 8.00. This indicates only slight irritation.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician Not Available

4.4 Other Information

Not available

Section 5 – Fire Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media CO₂, dry chemical, or BC/ABC extinguishers

Unsuitable Extinguishing Media None known

Firefighting Procedures Do not direct a solid stream of water or foam into, hot burning pools; this may cause frothing and increase fire intensity.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion None known

Hazards

Hazardous Combustion No data available

Products

5.3 Advice for Firefighters

Wear positive pressure self-contained breathing apparatus (SCBS). Structural firefighters' protective clothing will only provide limited protection.

Section 6 – Accidental Release Measures

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures

Personal Precautions Do not touch or walk through spilled material.
Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures Keep unauthorized personnel away.

6.2 Environmental Precautions

Not available

6.3 Methods and Material for Containment and Cleaning Up

Containment/Clean-up Measures Large spills: Absorb with earth, sand or other non-combustible material and dispose of as a solid waste.

Small spills: Flush to industrial sewer.

Prohibited Materials None known

6.4 Reference to Other Sections

None

Section 7 – Handling and Storage

7.1 Environmental Precautions

Handling Use good safety and industrial hygiene practices.

7.2 Conditions for Safe Storage, Including and Incompatibilities

Storage Keep container closed when not in use. Store in a cool, dry place between 10 - 37°C

Special Packaging Materials None known

Incompatible Materials or

Ignition Sources Strong oxidizers

7.3 Specific End Use (s)

None

Section 8 – Exposure Controls/Personal Protection

8.1 Control Parameters

None established

8.2 Exposure Controls

Engineering Measures/Controls Ventilation not required under normal use. Misting operations may require adequate ventilation.

Personal Protective Equipment Pictograms



Respiratory No special protection required under normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face Wear safety goggles.

Hands Wear appropriate gloves.

Skin/Body Wear protective clothing.

General Industrial Hygiene

Considerations Do not get in eyes or on skin or clothing. Handle in accordance with good industrial hygiene and safety practice. Eyewash and safety showers should be available in the work area.

Section 9 – Physical and Chemical Properties

Section 11 – Toxicological Information**11.1 Information on Toxicological Effects**

Suga®Nate 100									
Test Type	Dosage	Units	Route	Species	Duration	Results	Test Class	Target Organs	Comments
Irritation			Eye	Species Unspecified	NDA	Slight irritation	NDA	NDA	HET-CAM (10% Solution) / Score: 8.0
Irritation			Skin	Human	72 Hours	Did not indicate the potential for dermal irritation	NDA	NDA	53/53 participants showed no visible skin reaction

GHS Properties	Classification
Acute toxicity - oral	EU/CLP: Classification criteria not met UN GHS: Classification criteria not met
Acute toxicity - dermal	EU/CLP: Data lacking UN GHS: Data lacking
Acute toxicity - inhalation	EU/CLP: Data lacking UN GHS: Data lacking
Skin corrosion/Irritation	EU/CLP: Classification criteria not met UN GHS: Classification criteria not met
Serious eye damage/Irritation	EU/CLP: Classification criteria not met UN GHS: Classification criteria not met
Skin sensitization	EU/CLP: Classification criteria not met UN GHS: Classification criteria not met
Respiratory sensitization	EU/CLP: Data lacking UN GHS: Data lacking
Aspiration Hazard	EU/CLP: Data lacking UN GHS: Data lacking
Carcinogenicity	EU/CLP: Data lacking UN GHS: Data lacking
Germ cell mutagenicity	EU/CLP: Data lacking UN GHS: Data lacking
Toxicity for reproduction/fertility	EU/CLP: Data lacking UN GHS: Data lacking
Toxicity for reproduction/developmental	EU/CLP: Data lacking UN GHS: Data lacking

Effects on lactation	EU/CLP: Data lacking UN GHS: Data lacking
STOT-SE	EU/CLP: Data lacking UN GHS: Data lacking
STOT-RE	EU/CLP: Data lacking UN GHS: Data lacking

Rout of Entry Skin, eye
 Medical Conditions Aggravated by Exposure Not Available

Potential Health Effects

Inhalation

Acute (Immediate) Under normal conditions of use, no health effects are expected.
 Chronic (Delayed) No data available.

Skin

Acute (Immediate) Under normal conditions of use, no health effects are expected.
 Chronic (Delayed) No data available.

Eye

Acute (Immediate) Under normal conditions of use, no health effects are expected.
 Chronic (Delayed) No data available.

Ingestion

Acute (Immediate) Under normal conditions of use, no health effects are expected.
 If small amounts are ingested (by transfer from fingers to mouth) no health effects are expected.
 Chronic (Delayed) No data available.

Section 12 – Ecological Information

12.1 Toxicity

No data available

Poly Suga®Nate 160P						
Dosage	Units	Species	Species Description	Duration	Results	Comments

12.2 Persistence and Degradability

The product achieved 65% biodegradability.

12.3 Bioaccumulation Potential

No data found for product.

12.4 Mobility in Soil

No data found for product.

12.5 Results of PBT and vPvB Assessment

No data found for product.

12.6 Other adverse Effects

Ecological Fate

No data found for product.

Section 13 – Disposal Considerations

13.1 Waste Treatment Methods

Product Waste

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging Waste

No data available

Section 14 – Transportation Information

According to:

US DOT; Canada TDG; IMO/IMDG; AND; ADR/RID; IATA/ICAO

14.1 UN Number: Not regulated

14.2 UN Proper Shipping Name: Not regulated

14.3 Transport Hazard Class(es): Not regulated

14.4 Packing Group: Not regulated

14.5 Environmental Hazards: None

14.6 Special Precautions for User: None

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC

Code: Not regulated

14.8 Other information: None

Key to Abbreviations:

DOT = United States – Department of Transportation

TDG = Canada – Transport of Dangerous Goods

IMO/IMDG = International Maritime Transport

ADN = Europe Transport of Dangerous Goods by Road/Inland Waterway

IATA = International Air Transport Association

ICAO = International Civil Aviation Organization

ADR = Europe Transport of Dangerous Goods by Road/Inland Waterway

RID = Europe Transport of Dangerous Goods by Railways

Section 15– Regulatory Information

15.1 Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture

SARA Hazard Classifications None

State Right To Know				
Component	CAS	MA	NJ	PA
Sodium Hydroxypropylsulfonate Laurylglucoside Crosspolymer	949116-14-7	No	No	No

Inventory						
Component	CAS	Canada DSL	Canada NDSL	China	EU EINECS	EU ELNICS
Sodium Hydroxypropylsulfonate Laurylglucoside Crosspolymer	949116-14-7	No	No	No	No	No

Inventory (Continued)					
Component	CAS	REACH	Japan ENCS	Korea ECL	TSCA
Sodium Hydroxypropylsulfonate Laurylglucoside Crosspolymer	949116-14-7	Exempt	No	No	Yes

Canada

Labor			
Canada - WHMIS - Ingredient Disclosure List			
• Sodium Hydroxypropylsulfonate Laurylglucoside Crosspolymer	949116-14-7	39.4%	Not Listed

Environment			
Canada - CEPA - Priority Substance List			
• Sodium Hydroxypropylsulfonate Laurylglucoside Crosspolymer	949116-14-7	39.4%	Not Listed

Europe

Other			
EU - CLP (1272/2008 - Annex VI - Table 3.2 - Classification			
• Sodium Hydroxypropylsulfonate Laurylglucoside Crosspolymer	949116-14-7	39.4%	Not Listed
EU - CLP (1272/2008 - Annex VI - Table 3.2 - Concentration Limits			

	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-		
	• Crosspolymer	14-7	39.4%	Not Listed
EU - CLP (1272/2008 - Annex VI - Table 3.2 - Labeling				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-		
	• Crosspolymer	14-7	39.4%	Not Listed
EU - CLP (1272/2008 - Annex VI - Table 3.2 - Notes - Substances and Preparations				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-		
	• Crosspolymer	14-7	39.4%	Not Listed
EU - CLP (1272/2008 - Annex VI - Table 3.2 - Safety Phrases				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-		
	• Crosspolymer	14-7	39.4%	Not Listed

United States

Labor				
U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-		
	• Crosspolymer	14-7	39.4%	Not Listed
U.S. - OSHA - Specifically Regulated Chemicals				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-		
	• Crosspolymer	14-7	39.4%	Not Listed

Environment				
U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-		
	• Crosspolymer	14-7	39.4%	Not Listed
U.S. - CERCLA/SARA - Hazardous Substances and Their Reportable Quantities				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-		
	• Crosspolymer	14-7	39.4%	Not Listed
U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-		
	• Crosspolymer	14-7	39.4%	Not Listed
U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-		
	• Crosspolymer	14-7	39.4%	Not Listed
U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-	39.4%	Not

	Crosspolymer		14-7		Listed
U.S. -	CERCLA/SARA - Section 313 - Emission Reporting				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-			Not
	• Crosspolymer	14-7	39.4%		Listed
U.S. -	CERCLA/SARA - Section 313 - PBT Chemical Listing				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-			Not
	• Crosspolymer	14-7	39.4%		Listed

United States - California

Environment					
U.S. - California - Proposition 65 -	Carcinogens List				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-			Not
	• Crosspolymer	14-7	39.4%		Listed
U.S. - California - Proposition 65 -	Developmental Toxicity				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-			Not
	• Crosspolymer	14-7	39.4%		Listed
U.S. - California - Proposition 65 -	Reproductive Toxicity - Female				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-			Not
	• Crosspolymer	14-7	39.4%		Listed
U.S. - California - Proposition 65 -	Reproductive Toxicity - Male				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-			Not
	• Crosspolymer	14-7	39.4%		Listed

United States - Massachusetts

United States - New Jersey

United States - Pennsylvania

Labor					
U.S. - Pennsylvania - RTK (Right to Know) -	Environmental Hazard List				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-			Not
	• Crosspolymer	14-7	39.4%		Listed
U.S. - Pennsylvania - RTK (Right to Know) -	Special Hazardous Substances				
	Sodium Hydroxypropylsulfonate Laurylglucoside	949116-			Not
	• Crosspolymer	14-7	39.4%		Listed

United States - Rhode Island

Labor					
U.S. - Rhode Island - Hazardous Substance List					

Sodium Hydroxypropylsulfonate Laurylglucoside	949116-		Not
• Crosspolymer	14-7	39.4%	Listed

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

Section 16– Other Information

Phrases	Refer to Section 2
Last Revision Date	11/03/2011
Preparation Date	11/032011
Disclaimer/Statement of Liability	The above data is for information purposes and it accurate to the best of Colonial Chemical, Inc.'s knowledge. No guarantees or liabilities are expressed or implied. Colonial Chemical, Inc. assigned NFPA ratings to the product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, they must ensure that the proper personal protective equipment (PPE) is provided consistent with the information contained in the product MSDS. The information is intended solely for the use of individuals trained in the particular hazard rating system.

Key to Abbreviations

CAS = Chemical Abstract Services

EINECS = European Inventory of Existing Chemical Substances

LD = Lethal Dose

LC = Lethal Concentration

DSD = Dangerous Substances Directive (EU Directive 67/54/EEC)

DPD = Dangerous Preparations Directive (EU Directive 1999/45/EC)

EU CLP = EU Directive 1272/2008

UN GHS = United Nations Globally Harmonized System of Classification and Labeling of Chemicals.