

SECTION 1 – IDENTIFICATION

GHS Product Identifier | Trade Name: Suga®Nate 160
CAS Number: 742087-49-6
Uses of the Substance / Mixture: Surfactant for various applications
Formula: N/A
Synonym: Sodium Laurylglucosides Hydroxypropylsulfonate
Company Name: Colonial Chemical, Inc.
Company Address: P.O. Box 111, South Pittsburg, TN 37380 USA
Phone Number: (P) 423.837.8800 (F) 423.837.3888
Emergency Phone Number: Colonial Chemical: 423.837.8800 Chemtrec: 800.424.9300

SECTION 2 – HAZARDOUS IDENTIFICATION

Classification (Regulation (EC) No 1272/2008)

Not Classified

Classification (67/548/EEC, 1999/45/EC)

Not Classified

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.

Label Elements:

Hazardous products which must be listed on the label:

None

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Prevention

P264: Wash skin thoroughly after handling.

P273: Avoid release to the environment.

P264: Wash skin thoroughly after handling.

P280: Wear protective gloves/ eye protection/ face protection.

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Disposal

P501

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

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Chemical nature: Surfactant

Information on Components and Impurities

Chemical Name	CAS No.	GHS Classification	Concentration (%)
Sodium Laurylglucosides Hydroxypropylsulfonate	742087- 49-6	DSD/DPD: Not classified ; EU CLP: Not classified;	37

SECTION 4 – FIRST AID MEASURES

Description of necessary first-aid measures

General advice:	No health effects are expected to be caused by exposure to this material.
Inhalation:	Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.
Skin contact:	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 contact:	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).

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: LARGE FIRES: Water spray, fog, or regular foam. SMALL FIRES: Dry chemical, CO₂, water spray, or regular foam.

Special hazards arising from the substance or mixture

Specific hazards during firefighting: None known.

Advice for firefighters

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

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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

Methods for Cleaning or Taking Up

Large spills: Absorb with earth, sand or other non-combustible material and dispose of as a solid waste.
Small spills: Flush to industrial sewer.

Additional advice

None

SECTION 7 – HANDLING AND STORAGE

Handling

Advice on safe handling and usage: Use good safety and industrial hygiene practices.

Storage

Recommended: Keep container closed when not in use. Store in a cool, dry place.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

None Established

Components with workplace foreign control parameters

None Established

Control Measures

Engineering measures: Ventilation not required under normal use. Misting operations may require adequate ventilation.

Personal protective equipment

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

Hand protection: Wear appropriate gloves.

Eye protection: Wear safety glasses.

Skin and body protection: Wear protective clothing
Hygiene measures: 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

Appearance

Form: Liquid
Physical state: Liquid
Color: Light Yellow
Odor: Not measurable/relevant
Odor Threshold: no data available

Safety data

pH: 6 - 8
Melting point/range: no data available
Boiling point/boiling range: > 100 °C
Flash point: > 200 °C closed cup
Flammability (solid, gas): no data available
Auto-ignition temperature: no data available
Water solubility: dispersible
Solubility in other solvents: no data available
Partition coefficient: noctanol/water: no data available
Vapor pressure: no data available
Evaporation rate: no data available
Density: 9.4299 lbs/gal
Oxidation/Reduction Potential: no data available
Viscosity, dynamic: no data available
Viscosity, kinematic: no data available
Explosive properties: no data available
Thermal decomposition: no data available
Lower explosion limit: no data available
Upper explosion limit: no data available

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability

Stable under normal temperatures and pressures.

Hazardous reactions

Conditions to avoid: Excess heat
Materials to avoid: Strong oxidizers

SECTION 11 – TOXICOLOGICAL INFORMATION

Skin corrosion/irritation

48 Hour Occlusive skin patch test on human volunteers - 53 Test Subjects
53/53 showed no visible skin reaction
No potential for dermal irritation

Serious eye damage/eye irritation

Eye irritation:

HET-CAM (10.0% Solution=Score 0.0) MatTek Epi-Ocular: *In vitro* epidermal keratinocytes. Results indicate a non-irritating classification; Draize score of zero.

Respiratory or skin sensitization

Sensitization: Repeat Insult Patch testing (HRIPT)
Does not indicate a potential for dermal irritation or allergic contact sensitization

Repeated dose toxicity

Repeated dose toxicity:

no data available

STOT

STOT - single exposure:

no data available

STOT - repeated exposure:

no data available

Carcinogenicity

Carcinogenicity:

no data available

Mutagenicity

Ames test, OECD 471
No detectable genotoxic activity at the non-cytotoxic concentrations of Suga®Nate160, neither in the absence nor in the presence of the S9 enzyme activation

Reproductive toxicity

Reproductive toxicity:

no data available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity assessment

Ecotoxicity assessment:

AQUATIC TOXICITY - GREEN ALGAE
• USEPA OPPTS 840.5400 and USEPA Method 1003.0
– 72 Hour Growth Inhibition Test using Freshwater Unicellular Green Algae
IC50 = 52.9 mg/L

Persistence and degradability

Biodegradability:

OECD 301 Ready Biodegradability Test (301E)
• 80-82% biodegradable in 28 days

Bioaccumulation

Bioconcentration factor (BCF):

no data available

Other adverse effects

Environment assessment:

no data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Product Disposal

Advice on Disposal:

Dispose of in accordance with local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

ADR
RID
IMDG
IATA

not regulated
not regulated
not regulated
not regulated

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

SECTION 15 – REGULATORY INFORMATION

TSCA:
EU (REACH):
Canada (DSL):

Listed
Registered 01-2119991990-22
Listed

Safety Data Sheet

Suga®Nate 160



Australia (AICS): Listed
Japan (ENCS): Listed
Korea (ECL): Listed
China (IECSC): Not Listed

Follow all regulations in your country or region. Colonial Chemical, Inc is unable to confirm all regulatory information in regard to the substances in your country or region, and this information is subject to change without notice.

SECTION 16 – OTHER INFORMATION

Full text of P-Statements referred to under sections 2 and 3.

P264: Wash skin thoroughly after handling.
P273: Avoid release to the environment.
P280: Wear protective gloves/ eye protection/ face protection.
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501: Dispose of contents/ container to an approved waste disposal plant.

Key to Abbreviations:

CAS: Chemical Abstract Services
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

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

The information provided in this Safety Data Sheet is accurate to the best of Colonial Chemical, Inc.'s knowledge. No guarantees or liabilities are expressed or implied. Because users are most aware of the application of the product, they must ensure that proper personal protective equipment (PPE) is provided consistent with the information contained in the product SDS. This information is intended solely for the use of individuals trained in the particular hazard rating system. It does not release users from ensuring they are in conformity with all regulations linked to its activity.