

SECTION 1 – IDENTIFICATION

GHS Product Identifier | Trade Name: Colonial SLES-2
CAS Number: 9004-82-4
EC Number: 618-398-5
Uses of the Substance / Mixture: Surfactant for various applications
Formula: N/A
Synonym: Sodium laureth sulfate
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:

Classification (Regulation (EC) No 1272/2008)

Acute Toxicity, Category 4 H302: Harmful if swallowed
Eye Irritation, Category 2 H319: Causes serious eye irritation

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

R36: Irritating to eyes

Label Elements:

Hazardous products which must be listed on the label:

None

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

Pictogram



Signal Word:

Warning

Hazard Statements:

H315: Harmful if swallowed
H319: Causes serious eye irritation

Precautionary statements:

Prevention

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.
P308 IF exposed or concerned: P310 Immediately call a POISON CENTER or doctor/physician.

Storage

P404 Store in a closed container
P420 Store away from strong oxidizing agents and reducing agents

Disposal

P501 Dispose of contents/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	Identification No.	GHS Classification	Concentration (%)
Poly(oxy-1,2-ethanediyl), a-sulfo-w-hydroxy-, C10-16-alkyl ethers, ammonium salts	CASRN: 9004-82-4	H302: Harmful if swallowed, acute toxicity category 4 H319: Causes serious eye irritation, eye irritation category 2	25 - 50
Water	CASRN: 7732-18-5	None	50 – 100
Alcohols Ethoxylated C10-16	CASRN: 68002-97-1 EINECS: 500-182-6	H315: Causes skin irritation, skin irritation category 2 H318: Causes eye damage, eye damage category 1 H400: Very toxic to aquatic life, aquatic acute 1	< 1

SECTION 4 – FIRST AID MEASURES

Description of necessary first-aid measures

General advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.

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

Skin contact: In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing and shoes. If skin irritation continues: Get medical attention.

Eye contact: In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If present and easy to do, remove contacts. If eye irritation persists, consult a physician.

Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: CO2, Dry Chemical, BC/ABC Extinguishers

Special hazards arising from the substance or mixture

Specific hazards during firefighting: On combustion forms carbon monoxide, carbon dioxide, potassium oxide

Advice for firefighters

Special protective equipment: Self-contained breathing apparatus (EN 133)
Full protective suit

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for Cleaning or Taking Up

SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.
LARGE SPILLS: Dike far ahead of spill for later disposal. To avoid gelling and foaming problems, do not use water to flush to industrial sewer. Spills may be reportable to local, state, federal and/or provincial authorities.

Additional advice

Prevent entry into waterways, sewers, basements or confined areas.

SECTION 7 – HANDLING AND STORAGE

Handling

Advice on safe handling and usage: Avoid contact with skin and eyes

Storage

Recommended: Store in original container. Store tightly closed. Store in an area between 10-30 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Components	Value Type	Value	Update	Basis
N/A				

Components with workplace foreign control parameters

Components	Value Type	Value	Update	Basis
N/A				

Control Measures

Engineering measures: Avoid splashes. Apply technical measures to comply with any occupational exposure limits when applicable.

Personal protective equipment

Respiratory protection: In the case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection: Wear appropriate gloves. In EU member states, gloves should satisfy the specification of EU Directive 89/686/EEC and the standard EN 374 derived from it. Please observe instructions provided by the glove supplier regarding permeability and breakthrough time. Also, take into consideration the specific local conditions under which the product is used, such as danger of cuts, abrasion and the contact time. Gloves must be inspected prior to use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection: Wear safety goggles. In case of contact through splashing: Wear face-shield and protective suit.

Skin and body protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated clothing before wearing again.

Hygiene measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well-maintained personal protection equipment. Store the personal protection equipment in a clean location away from the work area. Contaminated work clothing should not be allowed out of the workplace. Before re-use, thoroughly clean personal protection equipment. Wash hands before breaks and immediately after handling the product. Shower or bathe at the end of working. When using the product do not eat, drink or smoke.

Protective measures: The protective equipment must be selected in accordance with current CEN standards and in cooperation with the supplier of the protective equipment. Selection of appropriate personal protective equipment should take into account the performance of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form:	Liquid
Physical state:	Liquid
Color:	Clear water white to pale yellow
Odor:	characteristic
Odor Threshold:	no data available

Safety data

pH 10% aqueous:	7.5
Pour Point:	no data available
Freezing point:	no data available
Boiling point/boiling range:	100°C
Flash point:	> 93°C
Flammability (solid, gas):	no data available
Auto-ignition temperature	no data available
Water solubility:	Soluble
Solubility in other solvents	no data available
Partition coefficient: noctanol/water:	no data available
Vapor pressure:	17mm Hg
Evaporation rate:	no data available
Relative vapor density:	no data available
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
Specific gravity at 20°C (68 °F):	1.01 g/cm ³ (8.428 lbs/gal)

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability Stable at room temperature

Hazardous reactions

Conditions to avoid	Prolonged, excessive heat
Materials to avoid	Strong oxidizing agents, reducing agents

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity:	no data available
Acute inhalation toxicity:	no data available
Acute dermal toxicity:	no data available
Other routes of administration:	no data available
Aspiration toxicity:	no data available

Skin corrosion/irritation

Skin irritation:	no data available
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Serious eye damage/eye irritation

Eye irritation:	May cause eye irritation
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Respiratory or skin sensitization

Sensitization:	no data available
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Repeated dose toxicity

Repeated dose toxicity:	no data available
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Safety Data Sheet

Colonial SLES-2



STOT

STOT - single exposure: no data available
STOT - repeated exposure: no data available

Carcinogenicity

Carcinogenicity: A3 Confirmed animal carcinogen with unknown relevance to humans

Mutagenicity

Genotoxicity in vitro: no data available
Genotoxicity in vivo: no data available

Reproductive toxicity

Reproductive toxicity: no data available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity assessment

no data available

Persistence and degradability

Biodegradability: Readily biodegradable

SECTION 13 – DISPOSAL CONSIDERATIONS

Product Disposal

Advice on Disposal: Dispose of in accordance with local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

DOT not regulated
ADR not regulated
RID not regulated
IMDG not regulated
IATA 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: Listed
EU (REACH): Pre-Registered
Canada (DSL): Listed
Australia (AICS): Listed
Philippines (PICCS): Listed
Japan (ENCS): Listed
New Zealand (NZIoC): Listed
Korea (ECL): Listed
China (IECSC): Listed

State regulations California Proposition 65

WARNING: This product may contain a chemical known to the State of California to cause cancer and birth defects or other reproductive harm: ethylene oxide (75-21-8).

WARNING: This product contains a chemical known to the State of California to cause cancer:

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
1,4-dioxane (CAS 123-91-1) Listed.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
1,4-dioxane (CAS 123-91-1) Listed: January 1, 1988 Carcinogenic.

US - Pennsylvania RTK - Hazardous Substances: Listed substance

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

Safety Data Sheet

Colonial SLES-2



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

H315 Causes skin irritation
H318 Causes serious eye damage
H319 Causes serious eye irritation

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.
P310 Immediately call a POISON CENTER or doctor/ physician
P332 + P313 If skin irritation occurs: Get medical advice/ attention
P362 Take off contaminated clothing and wash before reuse
P501 Dispose of contents/ container to an approved waste disposal plant

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.