SECTION 1 – IDENTIFICATION

GHS Product Identifier | Trade Name: Cola®Det EQ-154
Uses of the Substance / Mixture: Surfactant for various applications
Synonym: Surfactant Blend
Company Name: Colonial Chemical, Inc.
Company Address: 225 Colonial Drive, 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)
H315: Causes skin irritation
H316: Causes Mild Skin Irritation
H320: Causes eye irritation
H321: Causes eye irritation

Classification (67/548/EEC, 1999/45/EC)
Xi: Irritant
R38: Irritating to skin
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:
H303 May be harmful if swallowed
H316 Causes Mild Skin Irritation
H320 Causes Eye Irritation
H335 May cause respiratory 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.
P304 + 340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Storage
P401 Store in an area between 10-30 °C
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.
This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

#### Substance
Chemical nature: Surfactant

#### Information on Components and Impurities

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>GHS Classification</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disodium Lauryl Sulfosuccinate</td>
<td>26838-05-1</td>
<td>Xi: R41 H318:</td>
<td>&gt; 55</td>
</tr>
<tr>
<td>Sodium C14-16 Olefin Sulfonate</td>
<td>68439-57-6</td>
<td>Xi: R38-41 H318: H315:</td>
<td>10 - 20</td>
</tr>
<tr>
<td>Lauramidopropyl Betaine</td>
<td>4292-10-8</td>
<td>Xi: R41 H318:</td>
<td>10 - 20</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th></th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSHA</td>
<td>5 mg/cu m</td>
</tr>
<tr>
<td>OSHA</td>
<td>15 mg/cu m</td>
</tr>
<tr>
<td>ACGIH</td>
<td>3 mg/cu m</td>
</tr>
</tbody>
</table>

Control Measures
Engineering measures: General area dilution/exhaust ventilation

Personal protective equipment
Respiratory protection: When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations. Under normal conditions, in the absence of other airborne contaminants, the following devices should provide protection from this material up to the conditions specified by the appropriate OSHA, WHMIS or ANSI standard: dust/mist filtering respirator.

Eye/face protection: Will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.
Eye contact should be prevented through the use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash must be readily accessible to the work area.

Skin and body protection: Contact should be minimized through the use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.

Hygiene measures: Do not store, use, and/or consume foods, beverages, tobacco products, applying cosmetics or using the toilet. Wash hands and face carefully before eating, drinking, etc. Wash exposed skin promptly to remove accidental splashes or contact with this material.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Physical state: Powder, Solid
Color: White
Odor: characteristic
Odor Threshold: no data available

Safety data
pH: 5.5 – 7.5 at 10% aqueous solution
Melting point/range: Not available
Boiling point/boiling range: > 160 °C at 760 mmHg
Flash point: > 93 °C closed cup
### SECTION 10 – STABILITY AND REACTIVITY

**Chemical Stability**

Stable under normal handling and storage conditions.

**Hazardous reactions**

- Conditions to avoid: Excess heat, open flame, spark, and ignition sources.
- Materials to avoid: Strong oxidizing agents, strong reducing agents

**Decomposition Temperature Range:**

> 170 °C

**The Following Hazardous Decomposition Products Might Be Expected:**

- **Decomposition Type:** Thermal
- Oxides of Nitrogen, Sulfur, and Carbon

**Hazardous Polymerization Will Not Occur.**

### 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

**Serious eye damage/eye irritation**

- Eye irritation: no data available

**Respiratory or skin sensitization**

- Sensitization: no data available

**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**

- Genotoxicity in vitro: no data available
- Genotoxicity in vivo: no data available
Reproductive toxicity
Reproductive toxicity: no data available

This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity assessment
Ecotoxicity assessment: no data available

Persistence and degradability
Biodegradability: no data available

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 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): Listed
Canada (DSL): Listed
Australia (AICS): Listed
China (IECSC): Listed
New Zealand (NZIoC): Listed
Philippines (PICCS): Not Listed
Japan (ENCS): Listed
Korea (ECL): 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 H-Statements referred to under sections 2 and 3.
H303 May be harmful if swallowed.
H315 Causes skin irritation.
H316 Causes Mild Skin Irritation
H320 Causes Eye Irritation
H335 May cause respiratory irritation

Full text of P-Statements referred to under sections 2 and 3.
P264 Wash skin thoroughly after handling.
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.