

## SECTION 1 – IDENTIFICATION

**GHS Product Identifier | Trade Name:** ColaTeric ZF-50  
**CAS Number:** 94441-92-6  
**Chemical Description:** Octyl Iminodipropionate  
**Uses of the Substance / Mixture:** Surfactant for various applications  
**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)

Skin Irritation, Category 2 H315: Causes skin irritation  
Eye Irritation, Category 2 H319: Causes serious eye irritation

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

Xi: Irritant R36: Irritating to eyes  
R38: Irritating to skin

### 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 Causes skin irritation  
H319 Causes serious eye irritation

Precautionary statements:

**General**  
None

### Prevention

P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/ eye protection/ face protection.

### Response

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P302 + P352: IF ON SKIN: Wash with soap and water.  
P304 + P312: IF INHALED: Call a POISON CENTER or doctor if you feel unwell.  
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  
P332 + P313: If skin irritation occurs: Get medical advice/attention.

### Storage

P401 Store in an area between 10-49°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.

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS****Substance**

Chemical nature: Surfactant

**Information on Components and Impurities**

Chemical Name	CAS No.	GHS Classification	Concentration (%)
Octyl Iminodipropionate	94441-92-6	H315: Causes skin irritation H320: Causes eye irritation	Proprietary

**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: Water Spray, CO<sub>2</sub>, Dry Chemical, BC/ABC Extinguishers

**Special hazards arising from the substance or mixture**

Specific hazards during firefighting: On heating there is a risk of a build-up of pressure in hermetically sealed containers or tanks. On combustion forms carbon monoxide, carbon dioxide, potassium oxide. Highly flammable gas is released, which increases fire/explosion hazards.

**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. Do not breathe vapors/dust.

#### Storage

Recommended: Store between 10 – 49 °C.  
Keep container tightly closed when not in use.  
Keep away from heat and sources of ignition.  
Keep away from incompatible materials (strong acids and strong oxidizing agents).

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

No exposure limits were found for this product or any of its ingredients.

#### Derived No Effect Level (DNEL)

#### Predicted No Effect Concentration (PNEC)

#### 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: Yellow  
Odor: characteristic  
Odor Threshold: no data available

#### Safety data

pH(As Is): 10  
Melting point/range: no data available

Boiling point/boiling range:	> 208°F
Flash Point:	no data available
Flammability:	no data available
Auto-ignition temperature	no data available
Water solubility:	not determined
Solubility in other solvents	no data available
Partition coefficient: noctanol/water:	no data available
%Volatile by volume:	50
Vapor pressure:	20 mm@ 25°C
Evaporation rate:	no data available
Relative vapor density:	no data available
Specific Gravity @ 25°C:	1.089
Oxidation/Reduction Potential:	no data available
Viscosity:	no data available
Explosive properties:	no data available
Thermal decomposition:	no data available
Vapor Density:	no data available

### SECTION 10 – STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions
<b>Hazardous reactions</b>	
Conditions to avoid	Prolonged, excessive heat
Materials to avoid	Strong oxidizing agents, reducing agents

### SECTION 11 – TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	no data available
<b>Chronic Toxicity:</b>	This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be probable or suspected human carcinogens.

### SECTION 12 – ECOLOGICAL INFORMATION

<b>Biodegradability:</b>	Readily biodegradable.
<b>Ecotoxicity assessment</b>	No data available

### SECTION 13 – DISPOSAL CONSIDERATIONS

<b>Product Disposal</b>	
Prohibition:	Do not discharge into drains.
Advice on Disposal:	Dispose of in accordance with local regulations.

### SECTION 14 – TRANSPORTATION INFORMATION

<b>ADR</b>	<b>not regulated</b>
<b>RID</b>	<b>not regulated</b>
<b>IMDG</b>	<b>not regulated</b>
<b>IATA</b>	<b>not regulated</b>
<b>ADN / ADN</b>	<b>not regulated</b>

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

<b>TSCA:</b>	Listed
<b>EU (REACH):</b>	Pre-Registered
<b>Canada (NDSL):</b>	Listed

# Safety Data Sheet

## Cola<sup>®</sup>Teric ZF-50



China (IECSC): Listed  
Korea(ECL): Listed  
New Zealand(NZIoC): 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.

H315 Causes skin irritation  
H319 Causes serious eye irritation

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

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P280 Wear protective gloves/ eye protection/ face protection.  
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<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>B</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.

REVISED BY J. PALMER 10/07/2014