

# Material Safety Data Sheet

Chem International Inc.  
PO Box 5501  
Greenville, SC 29606

## ALPOG 810

Revision Date: 02/11/08

### PRODUCT AND COMPANY IDENTIFICATION

Chem International  
PO Box 5501  
Greenville, SC 29606  
800-424-9300 24 Hour Chemtrec

### COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:  
CAS# 68515-73-1 – 70%  
7732-18-5 – 30%  
Chemical Name: Alkyl Polyglucosides  
Proprietary Surfactant

**OSHA Regulatory Status:** This MSDS Contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.

### HAZARDS IDENTIFICATION

**Route of Entry:** Eyes; inhalation; Skin; **Target Organs:** None **Inhalation:** May cause respiratory irritation. **Skin Contact:** May Cause Irritation. Material is not corrosive to skin. Material is not a skin sensitizer. **Eye Contact:** Irritating to the eyes. **Ingestion:** Ingestion is not applicable route of entry for intended use.

HMIS II-ratings (scale 0-4): Health = 1, Fire = 1, Reactivity = 0 HMIS III-ratings (scale 0-4): Health = 1, Fire = 1, Physical Hazard = 0

### FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

**Skin Contact:** Promptly flush skin with water until all chemical is removed.

**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.

**Ingestion:** If victim is fully conscious, immediately give a large quantity of water to drink and induce vomiting. Call a Physician and follow recommendations given.

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### FIRE FIGHTING MEASURES

Wear self contained breathing apparatus and other appropriate protective clothing. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion.

**Classification:** **Flash Point:** >200 F **Flash Point Method:** Test Method ASTM D56-98a Tag Closed Cup **Burning Rate:** N.D. **Auto ignition Temperature:** N.D. **LEL:** N.D. **UEL:** N.D. **Flammability** N.A.

### ACCIDENTAL RELEASE MEASURES

Wear chemical safety glasses with side shields or chemical goggles, rubber gloves, long-sleeved shirt, long pants and NIOSH approved breathing device. Cover and contain spill with absorbent material such as pet litter, sand or vermiculite. Sweep up and place in approved chemical container. Wash spill area with water containing a strong detergent, absorb with inert material, sweep up and place in a chemical container. Seal the container and handle in an approved manner.

### HANDLING AND STORAGE

**Handling Precautions:** Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential exposure to the material. Do not take internally. Avoid contact with eyes, skin, or clothing; Avoid breathing vapors or mist; Keep material out of reach of children. Wear appropriate chemical protective clothing and equipment.

**Storage Requirements:** Keep from freezing. Keep container closed when not in use.

### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use local exhaust at filling zones and where leakage is probable.

**Protective Equipment:** HMIS PP, B | Goggles, Gloves

### PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Light Yellow      **Physical State:** Liquid      **Odor:** Mild      **pH1% =** 8.25

**Vapor Pressure:** > water: **Vapor Density:** N.D. **Boiling Point:** >210 F

**Freezing/Melting Pt.:** app. 32 F **Solubility:** Soluble **Spec Grav./Density:** N.D.

**Heat Value:** N.D. **VOC:** 0.00% **Evap. Rate:** slower than water **Bulk Density:** 1.12

**Octanol:** N.D. **Molecular Weight:** N.D. **Particle Size:** N.D. **Softening Point:** N.D. **Viscosity:** N.D. **Percent Volatile:** 50%. **Sat. Vap. Concentrat.:** N.D. **Molecular Formula:** Proprietary

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### STABILITY AND REACTIVITY

**Stability:** Product is stable under normal conditions.

**Conditions to avoid:** Not Known.

**Materials to avoid (incompatibility):** Strong Oxidizing Agents.

**Hazardous Decomposition products:** Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide.

**Hazardous Polymerization:** Will not occur.

### TOXICOLOGICAL INFORMATION

#### Acute Toxicity:

\*Oral ( LD 50): >5000 MG/KG (rats)

\*Dermal ( LD 50): >2000 MG/KG (rabbits)

\*Skin irritation: Irritant at concentrations >30%

\*Eye irritation: Irritant

\*Sensitization: Not a skin sensitizer

\*Chronic Toxicity: None

### ECOLOGICAL INFORMATION

ALPOG 810 is considered biodegradable under all test conditions and should be considered readily biodegradable per OECD 301D(10 day window fulfilled), 301E, 301A, 303A.

Environmental Toxicity:

Acute toxicity (fish): >100 MG/L Acute toxicity (daphnia):>20 MG/L Acute toxicity (algae): >20 MG/L

### DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

### TRANSPORT INFORMATION

Non-hazardous for air, sea and road freight.

### REGULATORY INFORMATION

US REGULATIONS: TOXIC SUBSTANCES CONTROL ACT: All components of this product are listed on the TSCA Inventory.

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4): None

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30): None

SARA TITLE III SECTION 304 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.40): None

SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIES (40 CFR 370.21): ACUTE: Yes CHRONIC: No FIRE: No REACTIVE: No SUDDEN RELEASE: No

SARA TITLE III SECTION 313 (40 CFR 372.65): None

OSHA PROCESS SAFETY (29 CFR 1910.119): None

STATE REGULATIONS: California Proposition 65: None

Product is Canadian DSL listed.

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**OTHER INFORMATION**

Disclaimer: Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

**END OF MSDS DOCUMENT**