SAFETY DATA SHEET

Revision Date 30-April-2014 **Version** 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Foremost 4010 Coconut Hand Soap-C

Product Code 4010

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Hand cleaning agent.

Details of the Supplier of the Safety Data Sheet

Supplier Address

Delta Foremost Chemical Corporation
3915 Air Park St.
Memphis, Tennessee 38118

Emergency Telephone Number

Company Phone Number (901) 363-4340
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

May be harmful if swallowed	Category 5

Signal Word

WARNING

Hazard Statements

Normal precautions common to safe manufacturing practice should be followed in handling and storage.
May cause eye irritation. May be harmful if swallowed.

Appearance Fluorescent green **Physical State** Liquid **Odor** Coconut

Precautionary Statements - Response

IF IN EYES: May cause irritation. Rinse thoroughly with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention

Precautionary Statements - Storage

Keep away from extreme heat. Store below 110°F.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant. Dispose of in accordance with all current local, state, and federal regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Potassium hydroxide	1310-58-3	Proprietary
Oleic Acid	112-80-1	Proprietary

Product contains a proprietary mixture of ingredients

4. FIRST AID MEASURES

First Aid Measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin Contact No irritation expected.

Inhalation Not applicable. No emergency care anticipated.

Ingestion Do NOT induce vomiting. Drink plenty of water. Get medical attention immediately.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms Irritation to eyes.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Water mist, water spray, alcohol resistant foam, carbon dioxide, or dry chemical.

Unsuitable Extinguishing Media None.

Specific Hazards Arising from the Chemical
None

Hazardous Combustion Products None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Water may be used to cool closed containers to prevent pressure buildups and possible ignition or explosion when exposed to extreme heat. Use air-supplied equipment for enclosed areas.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Wear suitable protective equipment.

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

Methods and Material for Containment and Cleaning Up

Methods for Containment For small spills, absorb on polypads or other suitable non-reactive absorbent materials. For large spills, dike far ahead of spill for later disposal. Absorb with materials such as: non-combustible material, cat litter / sand.

Methods for Cleaning Up **Small Spills:** Flush to waste with large quantities of water.
Large Spills: Eliminate ignition sources. Absorb spill with inert material (e.g., dry sand or earth). Retain for proper removal and treatment. Spill may cause a slip hazard. Use clean non-sparking tools to collect absorbed material. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practices. Use suitable personal protective equipment. Ensure containers are properly labeled. Avoid contact with eyes. Do not take internally. When using, do not eat, drink or smoke. Keep containers closed when not in use.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool place. Keep away from extreme heat. Store below 110°F.

Incompatible Materials Acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Potassium hydroxide 1310-58-3	Ceiling: 2 mg/m^3	(vacated) Ceiling: 2 mg/m^3	Ceiling: 2 mg/m^3
Oleic Acid 112-80-1	Not established	Not established	Not established

Appropriate Engineering Controls

Engineering Controls Always use normal hygiene practices.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection None required.

Skin and Body Protection None required.

Respiratory Protection None required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid		
Appearance	Clear liquid	**Odor**	Coconut
Color	Fluorescent Green	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	9.4 – 9.8	
Melting Point/Freezing Point	Not applicable	
Boiling Point/Boiling Range	99.0 °C / 210.0 °F	
Flash Point	Not applicable	
Evaporation Rate	Not applicable	(butyl acetate = 1)
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Same as water	@ 39.5°C, 104°F
Vapor Density	Same as water	(Air=1)
Specific Gravity	1.03	(1=Water)
Water Solubility	Soluble in water	
Solubility in Other Solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid
Keep away from extreme heat.

Incompatible Materials
Acids.

Hazardous Decomposition Products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact May cause eye irritation.

Skin Contact No irritation expected.

Inhalation Not applicable.

Ingestion Ingestion may cause irritation.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Potassium hydroxide 1310-58-3	= 214 mg/kg (Rat)	-	-
Oleic Acid 112-80-1	= 25,000 mg/kg (Rat) =28,000 mg/kg (Mouse)	-	-

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

STOT - Single Exposure No effects expected.

Numerical Measures of Toxicity
Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity
There is no specific data available for this product; however, not considered environmentally harmful from normal, expected usage and typical drainage to sewers, septic systems, and treatment plants.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Potassium hydroxide 1310-58-3		80: 96 h Gambusia affinis mg/L LC50 static		

Persistence and Degradability
Not determined

Bioaccumulation
Not determined

Mobility

Chemical Name	Partition Coefficient
Potassium hydroxide 1310-58-3	0.65 0.83

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Potassium hydroxide 1310-58-3	Toxic Corrosive

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

Not classified as a hazardous material.

DOT
Not regulated.

IATA
Not regulated.

IMDG
Not regulated.

15. REGULATORY INFORMATION

International Inventories
Not Determined

Legend:

TSCA *- United States Toxic Substances Control Act Section 8(b) Inventory*

DSL/NDSL *- Canadian Domestic Substances List/Non-Domestic Substances List*

EINECS/ELINCS *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

ENCS *- Japan Existing and New Chemical Substances*

IECSC *- China Inventory of Existing Chemical Substances*

KECL *- Korean Existing and Evaluated Chemical Substances*

PICCS *- Philippines Inventory of Chemicals and Chemical Substances*

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Potassium hydroxide 1310-58-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 311/312 Hazard Categories
None

SARA 313
None

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Potassium hydroxide 1310-58-3 (Proprietary)	1000 lb			X

US State Regulations

U.S. State Right-to-Know Regulations

California Proposition 65 Reportable Components: None. This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Consumer Products VOC Regulations: In states with Consumer Products VOC regulations, this product is compliant as a Heavy Duty Hand Cleaner.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island
Potassium hydroxide 1310-58-3	X	X	X	
Oleic Acid 112-80-1			X	X

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	1	1	0	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	1	1	0	Not determined

Revision Date 30-April-2014
Revision Note New format

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet