






# Safety Data Sheet

## Coconut Fatty Acid Soap

1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY						
Product Name		Coconut Fatty Acid Soap				
Identified Uses		A specially formulated, non-hazardous Soft Soap for use as a cleaning product.				
Address / Phone Number		Delf (UK) Ltd Unit 2 Hickmans Road Birkenhead Wirral CH41 1JH    Tel: (00 44) 151 630 0405    Fax: (00 44) 151 630 0406    E-mail: info@delf-uk.com				
Emergency Phone Number		IN AN EMERGENCY DIAL LOCAL EMMERGENCY SERVICES 999				
2. HAZARDS IDENTIFICATION						
2.1 Classification of the substance or mixture		Classification according to (67/548/EEC or 1999/45/EC)				
		Physical Hazard		Not Classified		
		Health Hazard		H315 Eye Irrit. 2 - H319		
		Environmental Hazard		Not Classified		
2.2 Label Elements		GHS Pictogram  CHIP Symbol				
Hazard statements		H066		Repeated exposure may cause skin dryness or cracking		
		H319		Causes serious eye irritation		
Precautionary Statements		P102		Keep out of reach of children.		
		P103		Read label before use		
		P264		Wash skin thoroughly after handling		
		P280		Wear Protective gloves / protective clothing / eye protection / face protection		
		P305 + 351 + 338		IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing		
		P337 + 313		If eye irritation persists get medical advice / attention.		
2.3 Other Hazards		This product does not contain any PBT or vPvB substances.				
3. COMPOSITION / INFORMATION						
Mixture		A Soft Soap based on Coconut Fatty Acid Oil.				
Alternative names						
Hazardous Ingredient(s)			CAS No:	EINICS No:	REACH REG No:	Concentration %
		Potassium Hydroxide	1310 - 58 - 3	215 – 181 - 3	01-2119487136-33-xxxx	5 - 15
			Classification (EC 1272/2008) GHS		Classification (67/548/EEC) CHIP	
		Potassium Hydroxide	Metal Corrosion 1; H290 Acute Toxicity 4; H302 Skin Corrosion 1A; H314		Harmful; Xn; R22 Corrosive; C; R35	
4. FIRST AID MEASURES						
4.1 Description of First Aid Measures						
General advice		Remove from exposure				
Eye Contact		Immediately irrigate eye with plenty of water or eye-wash solution for 10 minutes. If irritation persists. Obtain medical attention.				
Ingestion		Only if person is conscious, rinse mouth out with plenty of water and give 200-300ml water to drink. DO NOT INDUCE VOMITING. Keep patient at rest and if discomfort persists obtain medical attention.				
Inhalation		If person inhales to spray mist move into fresh air, and if recovery is not rapid seek medical attention.				
Skin Contact		Remove contaminated clothing. Wash affected area with plenty of soap and water. If in doubt or symptoms persist obtain medical attention. Launder clothing before re-use.				
4.2 Most Important Symptoms and Effects, Both Acute and Delayed						
General Information		The severity and nature of the symptoms described will vary dependant of the concentration and the length of exposure.				
Inhalation		May cause irritation of nose and throat				

4. FIRST AID MEASURES contd.			
Ingestion	May cause irritation and nausea.		
Skin Contact	Prolonged or repeated contact may cause dryness or cracking to the skin.		
Eye Contact	Irritation of eyes and mucous membranes may occur.		
4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed			
	Treat Symptomatically		
5. FIRE FIGHTING MEASURES			
Non-combustible or flammable			
5.1 Extinguishing Media	Use extinguishing media suitable for surrounding fire or the cause of fire. Keep containers cool by spraying with water.		
5.2 Special Hazards	When heated and in case of fire, harmful vapours/gases may be formed.		
5.3 Fire Fighting Protective Equipment.	Wear self-contained breathing apparatus, and suitable protective clothing.		
6. ACCIDENTAL RELEASE MEASURES			
6.1 Personal Precautions	Avoid direct contact with skin, eyes and clothing. See exposure controls / personal protection (section 8).		
6.2 Environmental Precautions	Spillages or uncontrolled contamination of soil or discharges into watercourses, drains or sewers must be reported immediately to the Environment Agency, local water company or other appropriate regulatory bodies. Do not allow to contaminate vegetation, or enter drains or water courses.		
6.3 Methods and Material for Containment and Cleaning Up	Small Spillages: Flush area to drain with plenty of water. Large Spillages: Where possible, transfer to a container for reuse or disposal (see Disposal Considerations – Section 13). Contain and absorb using earth, sand or other inert material. Flush area to drain with plenty of water. Treat as industrial waste.		
6.4 Reference To Other Sections	See exposure controls / personal protection (section 8).		
7. HANDLING AND STORAGE			
7.1 Precautions for Safe Handling	No specific usage precautions required. Use product in accordance with good industrial practices for handling and storing of chemicals. Avoid prolonged contact with skin and eyes.		
7.2. Conditions for Safe Storage, Including any Incompatibilities	Keep in the original packaging. Store in a cool dry well-ventilated area out of direct sunlight. Protect from extremes of temperature. Keep away from oxidising materials such as Red Label Hypochlorite.		
7.3 Specific End Use(s)	Use of product identified in section 1.2. For more detailed information see Product Information Sheet and Label		
8. EXPOSURE CONTROL/PERSONAL PROTECTION			
8.1 Control Parameters			
Occupational Exposure Limits	Product	Long Term Exposure Limit (8 hr TWA)	Short Term Exposure Limit (15 Min)
	Potassium Hydroxide	-	2 mg / m <sup>3</sup>
8.2 Exposure Controls			
Personal Protective Equipment	It is recommended that protective clothing, impervious PVC or butyl rubber gloves, and approved chemical safety goggles or face protection should be worn.		
	  		
9. CHEMICAL AND PHYSICAL PROPERTIES			
Appearance	Golden Brown Liquid	Specific Gravity (20°C) (g/ml)	1.02 +/- 0.02
Odour	Characteristic Soap Odour	pH	10.0 Typical
Solubility	Soluble in water	Freezing Point	< 0° C
10. STABILITY AND REACTIVITY			
10.1. Reactivity	No specific reactivity hazards associated with this product.		
10.2 Chemical Stability	Tis product is considered to be stable under normal conditions		
10.3. Possibility of Hazardous Reactions	None identified		
10.4. Conditions to Avoid	Excessive heat and cold.		
10.5. Incompatible Materials	None Identified		
10.6. Hazardous Decomposition Products	No hazardous decomposition products identified.		
11. TOXICOLOGICAL INFORMATION			
11.1 Toxicological information	We have not carried out any animal testing; as such we have no Toxicological Data particular to this product. The Toxicological Data, provided is supplied by the respective raw material manufacturer		

11. TOXICOLOGICAL INFORMATION contd.				
Acute toxicity	Low toxicity. Ingestion may cause irritation of the gastro-intestinal tract.			
Inhalation	N/a			
Skin contact	Repeated or prolonged contact may cause dryness.			
Eye contact	May cause irritation and soreness.			
Ingestion	May cause irritation to mucous membranes and digestive tract. May cause nausea, and stomach pains.			
Long Term Exposure	No long term effects identified.			
12.ECOLOGICAL INFORMATION				
12.1. Toxicity	We have not performed any Aquatic testing but the product is not viewed as dangerous to the environment.			
12.2. Persistence and Degradability	Not expected to inhibit aerobic and anaerobic activity.			
12.3. Bio-accumulative Potential	It is not expected to bio-accumulate.			
12.4. Mobility in Soil	Soluble in water.			
12.5. Results of PBT and vPvB Assessment	This product does not contain any PBT or vPvB substances			
12.6. Other Adverse Effects	No data available			
13. DISPOSAL CONSIDERATIONS				
Waste	Small quantities (less than 5 Kg) of unwanted product may be flushed with water into a sewer. Large quantities may only be disposed of in accordance with Waste Disposal Regulations. Dispose of the empty container to normal waste.			
14. TRANSPORT INFORMATION				
UN Transport Name	N/a			
UN Number	N/a			
UN Primary Class	N/a			
UN Packaging Group	N/a			
Transport Hazard Symbol	-	Limited Quantity Exemption	Combination Packaging	Inner Packagings placed in shrink-wrap or other stretch-wrapped tray
			Max net quantity	Max net quantity
			-	-
Packaging	25 Ltr, 200 Ltr and 1000 Ltr HDPE un containers			
Normal Carriage Temp.	Ambient.			
15. REGULATORY INFORMATION				
15.1. Safety, health and environmental regulations/ legislation specific for the substance or mixture	This safety data sheet complies with EC No. 1907/2006. CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. CHIP Class - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC  Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). – Product Classification unchanged Labelling elements, Ingredients and lists their classification in both CHIP & CLP format.			
15.2. Chemical Safety Assessment	Not applicable this product is a mixture.			
16. OTHER INFORMATION				
Sources of Information	Manufacturers Safety Data Sheets.			
	EH40 Occupational Exposure Limits.			
Legal Disclaimer	The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. For further details see Delf (UK) Ltd conditions of sale (additional copies of this are available on request).			
Date of issue	Feb 2016		Approved By: Dr J Lee	