MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION AND USE

Product Identifier	**Antibacterial Hand Soap –Light Moisturizers**
Formula#	35140 **Chemical Family:** Alkyl Sulfates
Issue Date:	January 2013
Product Use	Hand Soap
Manufacturer's Name & Address	Apollo Health & Beauty Care 1 Apollo Place Toronto, Ontario, Canada M3J 0H2
Telephone No.	(416) 695-3700
Fax:	(416) 758-3709
Website:	www.apollocorp.com

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SECTION 2 – HAZARDOUS INGREDIENTS

Chemical Identity	Concentration	CAS#	LD_{50}	LC_{50}	Toxicity
Triclosan	0.15%	3380-34-5			
Sodium C14-16 Olefin Sulfonate	3.0% - 10.0%	68439-57-6			
Lauramide DEA	10 % - 3.0%	120-4-1			
Others	<3.0%				

Considered non-hazardous as per WHMIS regulations. Not listed as a carcinogen by ACGIH or IARC.

SECTION 3 – PHYSICAL DATA

Boiling Point: Not Available **Melting Point:** Not Available **Freezing Point:** Not Available **Specific Gravity:** 1.03
Vapour Pressure: Not Available **Solubility in Water:** Complete **Volatile%:** N/A **Evaporation Rate:** Not Available
Physical State: Liquid **Appearance & Odour:** Light Orange Liquid, Weak Odour **Odour Threshold:** Not Available
pH: 6.50 – 7.50 **Viscosity:**4,000cps – 7,000cps **Water/Oil Dist'n Coeff:** Not Available

SECTION 4 – FIRE AND EXPLOSION DATA

Flash Point: >100°C **Flash Point Test Method:** Not Available **Auto Ignition Temperature:** Not Available
Lower Flammable Limits: Not Available **Upper Flammable Limit:** Not Available **Flammable:** No
Hazardous Combustion Products: Oxides of carbon, nitrogen, and sulfur. Smoke.
Extinguishing Media: Use water spray, dry chemical, foam, or carbon dioxide.
Special Fire Fighting Procedures: Pressure demand self-containing breathing apparatus should be provided to fire fighters in buildings or confined areas where this material is stored.
Unusual Fire and Explosion Hazards: A solid stream of water directed on hot and/or burning product may cause frothing.

SECTION 5 – REACTIVITY DATA

Conditions Contributing to Instability: Normally this product is stable
Incompatibility: Avoid contact with strong oxidizers.
Hazardous Decomposition Products: This material may decompose at a high temperature to form CO, CO_2, ammonia, oxides of nitrogen & sulfur

SECTION 6 – REGULATORY INFORMATION

WHMIS: N/A
Class: Concumer Product

Shipping Name	)	Not Regulated
P.I.N.	)	Not Regulated
Prim. Class	)	Not Regulated
Subs. Class	)	Not Regulated
Packing Group	)	Not Regulated
Special Prov.	)	Not Regulated

HAZARD RATING:	**HMIS**	**NFPA**
Health	1	1
Flammability	0	0
Reactivity	0	0
PPE	X	

NFPA Special Hazards: -

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SECTION 7 – TOXICOLOGICAL PROPERTIES

Health Hazard Data:	Eye Irritation Draize (rabbits). Not established
Exposure Limits:	None established by OSHA or ACGIH
Eye Contact:	May cause irritation
Skin Contact:	May cause slight irritation
Skin Absorption:	No data, not expected to be readily absorbed through intact skin
Inhalation:	Inhalation of mist or spray may cause irritation of respiratory tract
Ingestion:	May cause irritation of the gastrointestinal tract
Effects of Acute Overexposure:	Skin & eye irritation
Effects of Chronic Overexposure:	No data

SECTION 8 – PREVENTATIVE MEASURES

Personal Protective Equipment:

Respiratory:	None required under normal conditions of use.
Eye:	Face shields and goggles or chemical splash goggles should be worn.
Hands:	Gloves of rubber or plastic.
Body:	Standard work clothing and work shoes. Shower and eye wash facilities should be accessible.

Handling Procedure: Avoid contact with eyes, skin, and clothing. Avoid breathing mist or spray. Wear chemical splash goggles, gloves, and protective clothing when handling. Use adequate ventilation and employ respiratory protection where spray or mist may be generated. Wash thoroughly after handling.

Ventilation Requirements: Local exhaust ventilation recommended

SECTION 9 – SPILLS OR LEAK PROCEDURES

Leak and Spill Procedure:	Stop the leaks. Clean up spills immediately. Contain large spills and remove using vacuum truck. Soak up small spills with absorbent material and place in labeled waste containers for disposal. Wear adequate protective clothing.
Waste Disposal:	Landfill, incineration, or flush down sanitary sewers. All in accordance with local, provincial, and federal regulations.

SECTION 10 – FIRST AID MEASURES

Eyes:	Flush eyes immediately with copious amounts of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface. Washing eyes within 1 minute is essential to achieve maximum effectiveness. Seek medical attention.
Skin:	Wash thoroughly with soap and water. Remove contaminated clothing and footwear. Wash clothing prior to reuse. Seek medical attention if irritation should develop.
Inhalation:	Remove to fresh air.
Ingestion:	Have conscious patient drink several glasses of water. Keep the air passages clear. Seek medical help. Never give an unconscious patient anything by mouth.
Notes to Physician:	None.

SECTION 11 – PREPARATION OF INFORMATION

All the information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by APOLLO as to the effects of such use, the results to be obtained, or the safety and toxicity of the product nor does APOLLO assume any liability arising out of use by others or the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or described when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

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