

# SAFETY DATA SHEET

## 1 – PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Restorative Shampoo  
**Formula #:** 40623  
**Issue Date:** July 2015  
**Recommended Use:** Personal Care/Shampoo  
**Manufacturer's Name & Address:** Apollo Health and Beauty Care  
1 Apollo Place  
Toronto, Ontario, Canada M3J 0H2  
**Telephone No.:** (416) 758-3700 **Fax:** (416) 758-3701  
**Website:** [www.apollocorp.com](http://www.apollocorp.com)



## 2 – HAZARDOUS IDENTIFICATION

### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

### GHS Label elements, including precautionary statements

#### Emergency Overview

This product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance:** Opaque off-white

**Physical State:** Viscous liquid

**Odor:** Mild

### **Precautionary Statements – Prevention**

Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection

### **Precautionary Statements – Response**

Specific treatment (see section 4)

### **Precautionary Statements – Storage**

None

### **Precautionary Statements – Disposal**

None

### **Hazards not otherwise classified (HNOC)**

Not applicable

### **Other information**

Causes mild skin irritation

May cause slight eye irritation

### **Interactions with Other Chemicals**

No information available.

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight %
Sodium Lauroyl Methyl Isethionate	928663-45-0	8.0 – 15.0
Cocos Nucifera (Coconut) Oil	8001-31-8	5.0 – 10.0
Olea Europaea (Olive) Fruit Oil	8001-25-0	5.0 – 10.0
Others		<1.0

## 4 – 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:** Move to fresh air. If symptoms persist, seek medical attention.

**Ingestion:** Have conscious patient drink several glasses of water. Keep the air passages clear. Do NOT induce vomiting. Seek medical help. Never give an unconscious patient anything by mouth.

**Notes to Physician:** Treat symptomatically.

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### 5 – FIRE-FIGHTING MEASURES

**Flammable Properties:** No data available **Flash Point:** Not available  
**Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
**Hazardous Combustion Products:** Carbon oxides  
**Explosion Data:**  
**Sensitivity to Mechanical Impact:** No **Sensitivity to Static Discharge:** No  
**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.  
**NFPA** Health Hazard 1 **Flammability** 0 **Stability** 0 **Physical & Chemical Hazards:** --

### 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Avoid contact with eyes.  
**Environmental Precautions:** Refer to protective measures listed in sections 7 and 8.  
**Methods of Containment:** Prevent further leakage or spillage if safe to do so.  
**Methods for Cleaning Up:** Dam up. Soak up with inert absorbent material.

### 7 – HANDLING AND STORAGE

**Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.  
**Storage:** Keep tightly closed in a dry and cool place. Keep in properly labeled containers.

### 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> mist	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	

*ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration – Permissible Exposure Limits Immediately Dangerous to Life or Health*

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F. 2d 962 (11<sup>th</sup> Cir., 1992) See section 15 for national exposure control parameters.

#### Appropriate engineering controls

**Engineering Measures:** Showers, Eyewash stations, Ventilation systems

#### Personal Protective Equipment:

**Eye/Face Protection :** Tight fitting safety goggles.  
**Skin and Body Protection:** No special protective equipment required  
**Respiratory Protection:** No protective equipment is needed under normal conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required  
**Hygiene Measures:** When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing. Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal feeding stuffs.

### 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Opaque off-white **Odor:** Mild **Odor Threshold:** No data available  
**Physical State:** Viscous liquid **pH:** 5.0 – 6.0 **Viscosity:** 30,000 – 55,000 cps  
**Flash Point:** No data available **Decomposition Temperature:** No data available **Boiling Point/Range:** No data available  
**Melting Point / Range:** No data available **Water Solubility:** Soluble in water **Solubility:** No data available  
**Evaporation Rate:** No data available **Vaporation Rate:** No data available **Partition Coefficient:n-octanol/water:** No data available

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### 10 – STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions.

**Conditions to avoid:** Strong acids, strong bases, strong oxidizing agents

**Incompatible Products:** Not known

**Hazardous Decomposition Products:** Carbon oxides

**Hazardous Polymerization:** Does not occur

### 11 – TOXICOLOGICAL INFORMATION

**Acute toxicity:**

**Eye Contact:** Irritating to eyes

**Skin Contact:** May cause irritation

**Ingestion:** No hazard from product as supplied. Ingestion may cause irritation to mucous membranes.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Glycerin 56-81-5	-	>10 g/kg (Rabbit)	-

**Information on toxicological effects**

**Symptoms:** Erythema (skin redness). Burning. May cause redness and tearing of the eyes.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization:** No information available.

**Mutagenic Effects:** No information available.

**Carcinogenicity:** Contains no ingredient listed as a carcinogen.

**Reproductive Toxicity:** No information available.

**STOT – single exposure:** No information available.

**STOT – repeated exposure:** No information available.

**Chronic Toxicity:** No known effect based on information supplied. Carcinogenic potential is unknown.

**Target Organ Effects:** Eyes

**Aspiration Hazard:** No information available.

### 12 – ECOLOGICAL INFORMATION

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Glycerin 56-81-5	N/A	96 h LC50: 51 – 57 mL/L (Oncorhynchus mykiss)	N/A	24h EC50: >500 mg/L

**Bioaccumulation**

Chemical Name	Log Pow
Glycerin 56-81-5	-1.76

### 13 – DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** This material, as supplied, is not a hazardous waste according to Federal Regulations (40 CFR Part 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR Part 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

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<b>14 – TRANSPORT INFORMATION</b>																																					
<b>DOT</b> <b>ICAO</b>	Not Regulated Not Regulated	<b>TDG</b> <b>IATA</b>	Not Regulated Not Regulated	<b>MEX</b> <b>IMDG/IMO</b>	Not Regulated Not Regulated																																
<b>15 – REGULATORY INFORMATION</b>																																					
<p><b><u>International Inventories:</u></b></p> <p>TSCA: Complies                      DSL: Not determined                      EINECS: Complies</p> <p><b><u>U.S. Federal Regulations:</u></b></p> <p><b><u>SARA 313:</u></b>                      Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.</p> <p><b><u>SARA 311/312 Hazard Categories:</u></b>                      Acute Health Hazard: No                      Chronic Health Hazard: No                      Fire Hazard: No                      Sudden Release of Pressure Hazard: No                      Reactive Hazard: No</p> <p><b><u>Clean Water Act</u></b>                      This product does not contain any substances regulated as pollutants pursuant to Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).</p> <p><b><u>Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)</u></b>                      This product contains the following substances which are listed as hazardous air pollutants (HAPs) under Section 112 of the Clean Air Act:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 5px 0;"> <thead> <tr> <th style="width: 16.6%;">Chemical Name</th> <th style="width: 16.6%;">CAS No.</th> <th style="width: 16.6%;">Weight %</th> <th style="width: 16.6%;">HAPS data</th> <th style="width: 16.6%;">VOC Chemicals</th> <th style="width: 16.6%;">Class 1 Ozone Depletors</th> <th style="width: 16.6%;">Class 2 Ozone Depletors</th> </tr> </thead> <tbody> <tr> <td>Glycerin</td> <td>56-81-5</td> <td>1.0 – 5.0</td> <td></td> <td>Group II</td> <td></td> <td></td> </tr> </tbody> </table> <p><b><u>CERCLA</u></b>                      This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.</p> <p><b><u>U.S. State Regulations:</u></b></p> <p><b><u>California Proposition 65</u></b>                      This product does not contain any Proposition 65 chemicals.</p> <p><b><u>U.S. State Right-to-Know Regulations</u></b></p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 5px 0;"> <thead> <tr> <th style="width: 33.3%;">Chemical Name</th> <th style="width: 16.6%;">New Jersey</th> <th style="width: 16.6%;">Massachusetts</th> <th style="width: 16.6%;">Pennsylvania</th> <th style="width: 16.6%;">Rhode Island</th> <th style="width: 16.6%;">Illinois</th> </tr> </thead> <tbody> <tr> <td>Glycerin 56-81-5</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td></td> </tr> </tbody> </table> <p><b><u>International Regulations:</u></b></p> <p><b>Mexico – Grade</b>     Minimum risk, Grade 0</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 5px 0;"> <thead> <tr> <th style="width: 33.3%;">Component</th> <th style="width: 33.3%;">Carcinogen Status</th> <th style="width: 33.3%;">Exposure Limits</th> </tr> </thead> <tbody> <tr> <td>Glycerin 56-81-5</td> <td style="text-align: center;">-</td> <td style="text-align: center;">10 mg/m<sup>3</sup> (mist) TWA</td> </tr> </tbody> </table>						Chemical Name	CAS No.	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors	Glycerin	56-81-5	1.0 – 5.0		Group II			Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois	Glycerin 56-81-5	X	X	X	X		Component	Carcinogen Status	Exposure Limits	Glycerin 56-81-5	-	10 mg/m <sup>3</sup> (mist) TWA
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### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

### WHMIS Hazard Class

Non-controlled.

## 16 – OTHER 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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