

SAFETY DATA SHEET

Issuing Date 06-Oct-2020

Revision Date N/A

Revision Number 1

NGHS / English

<p>Product Identifier: Antibacterial Hand Soap- Spring Fresh Formula #: 46034 Issue Date: Oct 06, 2020 Recommended Use: Personal Care Manufacturer's:- Apollo Health and Beauty Care Name & Address: 1 Apollo Place, Toronto, Ontario, Canada M3J 0H2 Telephone No.: (416) 758-3700 Fax: (416) 758-3701 Website: www.apollocorp.com</p>	
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1. IDENTIFICATION

Product identifier

Product Name Antibacterial Hand Soap- Spring Fresh

Other means of identification

Product Code(s) SAM 46034

Recommended use of the chemical and restrictions on use

Recommended Use Hand Cleaner or Soap - Heavy Duty - Non-Aerosol

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Identification APOLLO HEALTH AND BEAUTY CARE

Address
1 APOLLO PLACE
TORONTO
Ontario
M3J 0H2
Canada

Telephone
Phone:416 758 3700
Fax:416 758 3701

E-mail wpereira@apollocorp.com

Emergency telephone number

Company Emergency Phone Number 416 758 3700

2. HAZARDS IDENTIFICATION

Classification

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

Serious eye damage/eye irritation	Category 2A
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Appearance: Transparent & clear

Physical state: Viscous Liquid

Odor: Mild

GHS Label elements, including precautionary statements

GHS Classification: Category 2A – Eye Irritant

GHS label element



Hazard pictograms:

Signal Word: Danger

Hazard Statements: Causes eye irritation

Appearance: Transparent & clear

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)

If exposed or concerned: Call a POISON CENTER or doctor Tel No- 1-800-222-1222

Eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Skin

IF ON SKIN: Wash with plenty of water.

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor

Do NOT induce vomiting

Precautionary Statements - Storage

None

Precautionary Statements - Disposal

None

Hazards not otherwise classified (HNOC)

Not applicable

Other information

Harmful to aquatic life with long lasting effects

Unknown Toxicity

0.6864% of the mixture consists of ingredient(s) of unknown toxicity

Interaction with other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Benzalkonium Chloride	61789-71-7	6	-	-
water	7732-18-5	1	-	-
Cetrimonium Chloride	203-928-6	4	-	-
Lauramidopropylamine Oxide	61792-31-2	4	-	-
Glycerin	56-81-5	5	-	-
Lauramine Oxide	1643-20-5	5	-	-
Sodium Chloride	7647-14-5	5	-	-
Cocamide MEA	68140-00-1	5	-	-
PEG-120 Methyl Glucose Dioleate	86893-19-8	5	-	-
Fragrance (Parfum)		6	-	-
Citric Acid	77-93-9	7	-	-
Tetrasodium EDTA	64-02-8	7	-	-
Sodium Benzoate	532-32-1	7	-	-
Blue 1 (CI 42090)	3844-45-9	7	-	-
Red 33 (CI 17200)	3567-66-6	7	-	-

Range code- 1- 30-100%, 2- 10-30%, 3- 3-10%, 4- 1-3%, 5- 0.3-1%, 6- 0.1-0.3%, 7- 0-0.1%.

4. FIRST AID MEASURES

Description of first aid measures**General advice**

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

Eye contact

Rinse immediately with plenty of water, (also under the eyelids, if possible), for at least 15 minutes. If symptoms persist, call a physician. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.

Skin contact

Wash immediately with plenty of water for at least 15 minutes Remove contaminated clothing and footwear. Wash clothing prior to reuse. If irritation persists, seek medical advice.

Inhalation

Remove to fresh air.

Ingestion

Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Keep air passage clear. If swallowed, This product can enter lungs and cause damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical advice/attention.

Self-protection of the first aider

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects Burning sensation

Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical: No information available

Uniform Fire Code Irritant : Liquid

Explosion Data

Sensitivity to Mechanical Impact 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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas.

Other Information Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Ensure clean-up is conducted by trained personnel only. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

Environmental precautions Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up Stop leak if safe to do so. Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

Conditions for safe storage, including any incompatibilities

Safe Storage Conditions Store locked up. Store in suitable labeled containers. Keep containers tightly closed in a

dry, cool and well-ventilated place. Keep out of the reach of children. Store away from other materials.

Incompatible Products Strong acids. Strong oxidizing agents. Strong bases.

Storage temperature 0 °C to 50 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection If splashes are likely to occur, wear safety glasses with side-shields or tight sealing safety goggles.

Hand protection Wear protective gloves.

Skin and body protection Wear protective and long sleeved clothing and impervious gloves.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing.

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Components	CAS No	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Benzalkonium Chloride	61789-71-7	N/A	N/A	N/A	N/A
Cetrimonium Chloride	203-928-6	None	None	None	None
Lauramidopropylamine Oxide	61792-31-2	None	None	None	None

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid
Appearance Clear light blue

Odor Perfumes, fragrances
 Odor Threshold Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	4-5	pH meter
Melting / freezing point	< 0°C	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air	No data available	None known
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	0.9 -1.05	
Water Solubility	No data available	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other Information

Explosive properties No information available
 Oxidizing properties No information available
 Softening Point No information available
 Molecular Weight No information available
 VOC Content (%) No information available
 Liquid Density No information available
 Bulk Density No information available
 Particle Size No information available
 Particle Size Distribution No information available

10. STABILITY AND REACTIVITY

Reactivity No information available.

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 Strong acids, strong bases, strong oxidizing agents.

Incompatible materials Not known.

Hazardous Polymerization Does not occur

Hazardous Decomposition Products Carbon oxides, Decomposition products may include the following materials: Carbon oxides
 Nitrogen oxides (NOx), Sulfur oxides, Oxides of phosphorus

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). Irritating to eyes.
Skin contact	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). Repeated exposure may cause skin dryness or cracking.
Ingestion	Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Redness. May cause redness and tearing of the eyes.
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Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 13,585.30 mg/kg

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Benzalkonium Chloride	=240 mg/kg (Rat)	= 1420 mg/kg (Rat)	-----
Cetrimonium Chloride	=500 mg/kg (Rat)	= 4300 mg/kg (Rabbit)	-----

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

Sensitization:	No information available
Skin corrosion/irritation:	Classification based on data available for ingredients. Irritating to skin.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes serious eye irritation.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	Contains no ingredients listed as a Carcinogen.
Reproductive toxicity	No information available.
STOT - single exposure	Based on the classification criteria of the Globally Harmonized System as adopted in the country or region with which this safety data sheet complies, there is no information if any of the listed ingredients causes a specific target organ toxicity.
STOT - repeated exposure	No information available.
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)
Benzalkonium Chloride	No information available	LC50:Lepomis macrochirus 0.223 - 0.46 mg/L 96 h LC50:Oncorhynchus mykiss 0.823 - 1.61 mg/L 96 h LC50:Poecilia reticulata 1.3 mg/L 96 h LC50:Oryzias latipes 2.4 mg/L 96 h	No information available	EC50 : Daphnia magna 0.018mg/L 48h
Cetrimonium Chloride	No information available	No information available	EC50 = 0.86 mg/L 15 min EC50 = 0.98 mg/L 10 min EC50 = 1.35 mg/L 5 min	No information available

Persistence and Degradability No information available.

Bioaccumulation Benzalkonium Chloride- Log Pow: -0.31
Cetrimonium Chloride- Log Pow: 3.23

Mobility No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment 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.

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Dispose of contents/containers in accordance with local regulations.

California Waste Codes 561

14. TRANSPORT INFORMATION

<u>DOT</u>	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
 <u>TDG</u>	 Not regulated
 <u>MEX</u>	 Not regulated
 <u>ICAO</u>	 Not regulated
<u>IATA</u>	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
<u>IMDG/IMO</u>	Not regulated
Hazard Class	N/A
 <u>RID</u>	 Not regulated
 <u>ADR</u>	 Not regulated
 <u>ADN</u>	 Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

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
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories**Acute Health Hazard:** Yes**Chronic Health Hazard:** No**Fire Hazard:** No**Sudden Release of Pressure Hazard:** No**Reactive Hazard:** No**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to Clean Water Act (40 CFR 122.21 and 40.CFR 122.42)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This material contains substances listed as hazardous air pollutants (HAPs) under Section 112 of the Clean Air Act.

CERCLA

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

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

International Regulations**Mexico-Grade** Moderate risk, Grade 0**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**Prepared By**

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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. All 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 herein. The information herein is not to be construed 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.

End of Safety Data Sheet