1. IDENTIFICATION

Product identifier

Product Name: OTC Softsoap Crisp Clean

Other means of identification

Product Code(s): SAM 45999

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 : Category 2B Eye Irritation

GHS Label Element :
Hazards pictograms

Signal Word: Warning
Appearance: Viscous, Orange
Physical state: Clear Liquid
Odor: Mild

Hazard Statements : Responses
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

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Hazardous Material Information Review Act registry number (HMIRA registry #)</th>
<th>Date HMIRA filed and date exemption granted (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quaternary ammonium compounds, benzylcoco alkyldimethyl, chlorides</td>
<td>61789-71-7</td>
<td>6</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>4</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

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.

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

**Flammable Properties:** Not flammable  
**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

**Expansion 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, protective equipment and emergency procedures**

**Personal precautions**

Avoid contact with eyes.

**Environmental Precautions:**

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 & 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

Control parameters

Exposure Guidelines The ingredients of the product has no constituents that are 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.

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 No special protection required under normal circumstances. However, if large splash is anticipated were a full PPE such as gloves and protective clothing.

Skin and body protection No special protection required under normal circumstances. However, if large splash is anticipated were a full PPE such as gloves and protective clothing.

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.

General hygiene considerations 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.

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.

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS No</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzalkonium Chloride</td>
<td>61789-71-7</td>
<td>None established</td>
<td>None established</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>TWA: 10 mg/m3 mist</td>
<td>TWA: 15 mg/m3 mist, total particulate</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TWA: 5 mg/m3 mist, respirable fraction (vacated) TWA: 10 mg/m3 mist, total particulate (vacated) TWA: 5 mg/m3 mist, respirable fraction</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Viscous, Orange</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Perfumes, fragrances</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>5.2</td>
<td></td>
<td>pH meter</td>
</tr>
<tr>
<td>Melting / freezing point</td>
<td>&lt; 0°C</td>
<td></td>
<td>None known</td>
</tr>
</tbody>
</table>
Boiling point / boiling range  
Flash Point  
Evaporation Rate  
Flammability (solid, gas)  
Flammability Limit in Air  
Upper flammability limit  
Lower flammability limit  
Vapor pressure  
Vapor density  
Specific Gravity  
Water Solubility  
Solubility(ies)  
Partition coefficient: n-octanol/water  
Autoignition temperature  
Decomposition temperature  
Kinematic viscosity  
Dynamic viscosity  
Viscosity @25° C  

Other Information  
Explosive properties  
Oxidizing properties  
Softening Point  
Molecular Weight  
VOC Content (%)  
Liquid Density  
Bulk Density  
Particle Size  
Particle Size Distribution  

10. STABILITY AND REACTIVITY

Reactivity  
Chemical stability  
Possibility of Hazardous Reactions  
Hazardous Polymerization  
Conditions to avoid  
Incompatible materials  
Hazardous Polymerization  
Hazardous Decomposition Products  

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.

Numerical measures of toxicity

Acute Toxicity

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

<table>
<thead>
<tr>
<th>Component Information</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzalkonium Chloride</td>
<td>=240 mg/kg (Rat)</td>
<td>=1420 mg/kg (Rat)</td>
<td>-----</td>
</tr>
<tr>
<td>Glycerin</td>
<td>&gt;10 g/kg (Rabbit)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzalkonium Chloride</td>
<td>No information available</td>
<td>LC50: Lepomis macrochirus 0.223 - 0.46 mg/L 96 h</td>
<td>LC50: Oncorhynchus mykiss 0.823 - 1.61 mg/L 96 h</td>
<td>Daphnia magna 0.018mg/L 48h</td>
</tr>
<tr>
<td>Glycerin</td>
<td>N/A</td>
<td>96 h LC50: 51 – 57 mL/L (Oncorhynchus mykiss)</td>
<td>N/A</td>
<td>24h EC50: &gt;500 mg/L</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>N/A</td>
<td>LC50: 1516 mg/L (96 h static) Lepomis macrochirus</td>
<td>N/A</td>
<td>EC50: 120 mg/L (72 h) Daphnia magna</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>EC50: 1.01 mg/L (72 h) Desmodesmus subspicatus</td>
<td>LC50: 59.8 mg/L (96 h static) Pimephales promelas</td>
<td>N/A</td>
<td>EC50: 610 mg/L (24 h) Daphnia magna</td>
</tr>
</tbody>
</table>

### Persistence and Degradability

No information available.

### Bioaccumulation

Benzalkonium Chloride- Log Pow: -0.31  
Citric Acid- Log Pow: -1.72  
Glycerin- Log Pow: -1.76

### 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

DOT
Proper Shipping Name: NOT REGULATED
Hazard Class: N/A

TDG
Not regulated

MEX
Not regulated

ICAO
Not regulated

IATA
Proper Shipping Name: NOT REGULATED
Hazard Class: N/A

IMDG/IMO
Not regulated

Hazard Class: N/A

RID
Not regulated

ADR
Not regulated

ADN
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 SDS contains all the information required by the CPR.

WHMIS Hazard Class:
Non-controlled.

16. OTHER INFORMATION

Prepared By
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Regulatory Affairs Associate
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416-758-3700

Issuing Date: 08-Dec-2020 Revision Date: N/A
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 us as to the effects of such use, the results to be obtained, or the safety and toxicity of the product nor does 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