SECTION 1. IDENTIFICATION

Product name: GOJO® Green Certified Foam Hand Cleaner For CX™ Dispensing Systems

Manufacturer or supplier’s details
Company name of supplier: GOJO Industries, Inc.
Address: One GOJO Plaza, Suite 500
          Akron, Ohio 44311
Telephone: 1 (330) 255-6000
Emergency telephone number: 1-800-424-9300 CHEMTREC

Recommended use of the chemical and restrictions on use
Recommended use: Skin-care
Restrictions on use: This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification
Eye irritation: Category 2A

GHS label elements
Hazard pictograms:

Signal word: Warning
Hazard statements: H319 Causes serious eye irritation.
Precautionary statements:

**Prevention:**
P280 Wear eye protection/ face protection.

**Response:**
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/ attention.

Other hazards
None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Laureth Sulfate</td>
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</table>

### SECTION 4. FIRST AID MEASURES

**General advice:**
In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.

**If inhaled:**
If inhaled, remove to fresh air. If symptoms persist, call a physician.

**In case of skin contact:**
Wash with water and soap as a precaution. Get medical attention if irritation develops and persists.

**In case of eye contact:**
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Seek medical advice.

**If swallowed:**
If swallowed, DO NOT induce vomiting. Rinse mouth with water. Obtain medical attention.

**Most important symptoms and effects, both acute and delayed:**
Causes serious eye irritation.

**Protection of first-aiders:**
First Aid responders should pay attention to self-protection and use the recommended protective clothing.

### SECTION 5. FIREFIGHTING MEASURES
SAFETY DATA SHEET

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Suitable extinguishing media  : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : None known.

Hazardous combustion products  : Sulphur oxides  
                                : Carbon oxides  
                                : Nitrogen oxides (NOx)  
                                : Metal oxides

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
                                : Use water spray to cool unopened containers.

Further information  : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
                      : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.  
                                               : Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
                                                                    : Ensure adequate ventilation.  
                                                                    : Evacuate personnel to safe areas.  
                                                                    : Material can create slippery conditions.

Environmental precautions  : Discharge into the environment must be avoided.  
                            : Prevent further leakage or spillage if safe to do so.  
                            : Prevent spreading over a wide area (e.g. by containment or oil barriers).  
                            : Retain and dispose of contaminated wash water.  
                            : Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up  : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).  
                                                        : Keep in suitable, closed containers for disposal.  
                                                        : Clean contaminated floors and objects thoroughly while observing environmental regulations.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling  : For personal protection see section 8.  
                         : Do not swallow.  
                         : Avoid contact with eyes.  
                         : Keep container closed when not in use.
Conditions for safe storage: Keep in properly labelled containers. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in accordance with the particular national regulations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters
Contains no substances with occupational exposure limit values.

Personal protective equipment
Respiratory protection: No personal respiratory protective equipment normally required.

Eye protection: No special measures necessary provided product is used correctly. Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection: No special measures necessary provided product is used correctly.

Protective measures: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Ensure that eye flushing systems and safety showers are located close to the working place.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid

Colour: clear, colourless, light yellow

Odour: like soap

Odour Threshold: No data available

pH: 4.8 - 7.5, (20 °C)

Melting point/freezing point: 8.90 °C

Initial boiling point and boiling range: 98.00 °C

Flash point: > 100.00 °C
   Method: Pensky-Martens closed cup
Evaporation rate : No data available
Flammability (solid, gas) : Not applicable
Upper explosion limit : No data available
Lower explosion limit : No data available
Vapour pressure : No data available
Relative vapour density : No data available
Density : 1.0092 g/cm³
Solubility(ies)
  Water solubility : soluble
Partition coefficient: n-octanol/water : Not applicable
Auto-ignition temperature : not determined
Thermal decomposition : The substance or mixture is not classified self-reactive.
Viscosity
  Viscosity, kinematic : 10 - 20 mm²/s (20 °C)
Explosive properties : Not explosive
Oxidizing properties : The substance or mixture is not classified as oxidizing.

SECTION 10. STABILITY AND REACTIVITY
Reactivity : Not classified as a reactivity hazard.
Chemical stability : Stable under normal conditions.
Incompatible materials : Strong oxidizing agents
Hazardous decomposition products : No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION
Information on likely routes of exposure
Inhalation
Eye contact
Skin contact
Acute toxicity
Not classified based on available information.
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**Components:**

**Sodium Laureth Sulfate:**
- **Acute oral toxicity:** LD50 (Rat): > 2,000 mg/kg  
  - **Assessment:** The substance or mixture has no acute oral toxicity

**Cocamidopropyl Betaine:**
- **Acute oral toxicity:** LD50: > 5,000 mg/kg  
  - **Method:** OECD Test Guideline 401  
  - **Remarks:** Based on data from similar materials
- **Acute dermal toxicity:** LD50 (Rat): > 2,000 mg/kg  
  - **Method:** OECD Test Guideline 402  
  - **Assessment:** The substance or mixture has no acute dermal toxicity  
  - **Remarks:** Based on data from similar materials

**Disodium Cocoamphodiacetate:**
- **Acute oral toxicity:** LD50 (Rat, male): > 5,000 mg/kg  
  - **Remarks:** Based on data from similar materials
- **Acute dermal toxicity:** LD50 (Rat): > 5,000 mg/kg  
  - **Method:** OECD Test Guideline 402  
  - **Remarks:** Based on data from similar materials

**Skin corrosion/irritation**
- **Result:** Not classified based on available information.

**Components:**

**Sodium Laureth Sulfate:**
- **Result:** Skin irritation

**Cocamidopropyl Betaine:**
- **Result:** Skin irritation

**Disodium Cocoamphodiacetate:**
- **Species:** Rabbit  
  - **Method:** OECD Test Guideline 404  
  - **Result:** No skin irritation  
  - **Remarks:** Based on data from similar materials

**Serious eye damage/eye irritation**
- **Result:** Causes serious eye irritation.

**Components:**

**Sodium Laureth Sulfate:**
- **Result:** Eye irritation  
  - **Remarks:** Severe eye irritation

**Cocamidopropyl Betaine:**
- **Result:** Eye irritation  
  - **Remarks:** Severe eye irritation

**Disodium Cocoamphodiacetate:**
Species: Rabbit  
Result: Irreversible effects on the eye  
Method: OECD Test Guideline 405  
Remarks: Based on data from similar materials

**Respiratory or skin sensitisation**  
Skin sensitisation: Not classified based on available information.  
Respiratory sensitisation: Not classified based on available information.

**Components:**

**Cocamidopropyl Betaine:**  
Test Type: Maximisation Test (GPMT)  
Exposure routes: Skin contact  
Species: Guinea pig  
Result: negative  
Remarks: Based on data from similar materials

**Disodium Cocoamphodiacetate:**  
Test Type: Maximisation Test (GPMT)  
Exposure routes: Skin contact  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: negative  
Remarks: Based on data from similar materials

**Germ cell mutagenicity**  
Not classified based on available information.

**Components:**

**Cocamidopropyl Betaine:**  
Genotoxicity in vitro: Test Type: Bacterial reverse mutation assay (AMES)  
Method: OECD Test Guideline 471  
Result: negative  
Remarks: Based on data from similar materials  
Genotoxicity in vivo: Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)  
Test species: Mouse  
Application Route: Ingestion  
Result: negative  
Remarks: Based on data from similar materials

**Disodium Cocoamphodiacetate:**  
Genotoxicity in vitro: Test Type: Chromosome aberration test in vitro  
Method: OECD Test Guideline 473  
Result: negative  
Remarks: Based on data from similar materials  
Genotoxicity in vitro: Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative  
Remarks: Based on data from similar materials  
Genotoxicity in vitro: Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 476
Carcinogenicity
Not classified based on available information.

IARC
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity
Not classified based on available information.

Components:

Cocamidopropyl Betaine:
Effects on foetal development: Test Type: Embryo-foetal development
Species: Rat
Application Route: Ingestion
Method: OECD Test Guideline 414
Result: negative
Remarks: Based on data from similar materials

STOT - single exposure
Not classified based on available information.

STOT - repeated exposure
Not classified based on available information.

Repeated dose toxicity

Components:

Sodium Laureth Sulfate:
Repeated dose toxicity: Causes serious eye irritation.

Cocamidopropyl Betaine:
Species: Rat
NOAEL: 250 mg/kg
Application Route: Ingestion
Exposure time: 90 d
Method: OECD Test Guideline 408
Remarks: Based on data from similar materials

Disodium Cocoamphodiacetate:
Species: Rat, female
NOAEL: 250 mg/kg
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LOAEL: 500 mg/kg
Application Route: Ingestion
Exposure time: 28 d
Remarks: Based on data from similar materials

Aspiration toxicity
Not classified based on available information.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:
Cocamidopropyl Betaine:
Toxicity to fish: LC50: > 1 - 10 mg/l
   Exposure time: 96 h
   Method: ISO 7346/2
   Remarks: Based on data from similar materials

Toxicity to bacteria: EC50: > 100 mg/l
   Method: OECD Test Guideline 209
   Remarks: Based on data from similar materials

Disodium Cocoamphodiacetate:
Toxicity to fish: LC50 (Oncorhynchus mykiss (rainbow trout)): 4.2 mg/l
   Exposure time: 96 h
   Method: OECD Test Guideline 203
   Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): 17.9 mg/l
   Exposure time: 48 h
   Method: OECD Test Guideline 202
   Remarks: Based on data from similar materials

Toxicity to algae: ErC50 (Pseudokirchneriella subcapitata (green algae)): 10 mg/l
   Exposure time: 72 h
   Remarks: Based on data from similar materials

   NOEC (Pseudokirchneriella subcapitata (green algae)): 3.2 mg/l
   Exposure time: 72 h
   Remarks: Based on data from similar materials

Persistence and degradability

Components:
Sodium Laureth Sulfate:
Biodegradability: Result: Readily biodegradable.

Cocamidopropyl Betaine:
Biodegradability: Result: Readily biodegradable.
Biodegradation: > 60 %
Exposure time: 28 d
Method: OECD Test Guideline 301
Remarks: Based on data from similar materials

Disodium Cocoamphodiacetate:
Biodegradability: Result: Readily biodegradable.
Biodegradation: 79 %
Exposure time: 28 d
Method: OECD Test Guideline 301F
Remarks: Based on data from similar materials

Bioaccumulative potential
No data available

Mobility in soil
No data available

Other adverse effects
No data available

Product:
Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues: Dispose of in accordance with local regulations.
Contaminated packaging: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulation
IATA-DGR
Not regulated as a dangerous good
IMDG-Code
Not regulated as a dangerous good
National Regulations
49 CFR
Not regulated as a dangerous good
SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity
This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act
This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).
This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

Clean Water Act
This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

US State Regulations

Pennsylvania Right To Know

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<tr>
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<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water (Aqua)</td>
<td>7732-18-5</td>
<td>90 - 100 %</td>
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New Jersey Right To Know

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</table>

California Prop 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:
SAFETY DATA SHEET

GOJO® Green Certified Foam Hand Cleaner For CX™ Dispensing Systems

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TSCA : On TSCA Inventory
AICS : On the inventory, or in compliance with the inventory
DSL  : On the inventory, or in compliance with the inventory
ENCS : On the inventory, or in compliance with the inventory
ISHL : On the inventory, or in compliance with the inventory
KECI : On the inventory, or in compliance with the inventory
PICCS: On the inventory, or in compliance with the inventory
IECSC: On the inventory, or in compliance with the inventory
NZIoC: On the inventory, or in compliance with the inventory

Inventories
AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information

NFPA:  

**FLAMMABILITY**
- Health: 2
- Flammability: 1
- Special hazard.

**Hazard Classification**
- Health: 2
- Flammability: 1
- Physical Hazard: 0

HMIS III:
- Health: 2
- Flammability: 1
- Physical Hazard: 0

Revision Date : 06/27/2017

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.