SAFETY DATA SHEET

GOJO® Scrubbing Towels

Version 1.0  SDS Number: 400000000211  Revision Date: 03/29/2018

SECTION 1. IDENTIFICATION

Product name: GOJO® Scrubbing Towels

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: CHEMTREC 1-800-424-9300
                          CHEMTREC +1-703-527-3887: Outside USA & CANADA

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>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laureth-7</td>
<td>9002-92-0</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
<tr>
<td>Limonene</td>
<td>5989-27-5</td>
<td>&gt;= 0.1 - &lt; 1</td>
</tr>
</tbody>
</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

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
## SAFETY DATA SHEET

**GOJO® Scrubbing Towels**

**Version 1.0**  
**SDS Number:** 40000000211  
**Revision Date:** 03/29/2018

<table>
<thead>
<tr>
<th><strong>Unsuitable extinguishing media</strong></th>
<th>None known.</th>
</tr>
</thead>
</table>
| **Specific hazards during firefighting** | Exposure to decomposition products may be a hazard to health.  
Carbon oxides |
| **Hazardous combustion products** | Carbon 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.  
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-... |

3 / 12
ventilated place.
Store in accordance with the particular national regulations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limonene</td>
<td>5989-27-5</td>
<td>TWA</td>
<td>20 ppm</td>
<td>ACGIH</td>
</tr>
</tbody>
</table>

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.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: sheets

Colour: clear, colourless, light yellow

Odour: citrus

Odour Threshold: No data available

pH: 6.0 - 8.5

Melting point/freezing point: No data available

Initial boiling point and boiling range: No data available

Flash point: > 100.00 °C

Evaporation rate: No data available
SAFETY DATA SHEET

GOJO® Scrubbing Towels

Version 1.0  SDS Number: 400000000211  Revision Date: 03/29/2018

Flammability (solid, gas) : Not applicable
Flammability (liquids) : No data available
Upper explosion limit : No data available
Lower explosion limit : No data available
Vapour pressure : No data available
Relative vapour density : No data available
Density : 1.0012 g/cm³
Solubility(ies)
  Water solubility : soluble
Partition coefficient: n-octanol/water : Not applicable
Auto-ignition temperature : No data available
Thermal decomposition : The substance or mixture is not classified self-reactive.
Viscosity
  Viscosity, dynamic : No data available
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.
Conditions to avoid : None known.
Incompatible materials : 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.
SAFETY DATA SHEET

GOJO® Scrubbing Towels

Version 1.0  SDS Number: 400000000211  Revision Date: 03/29/2018

Product:
Acute oral toxicity: Acute toxicity estimate: > 5,000 mg/kg
   Method: Calculation method

Components:
Laureth-7:
   Acute oral toxicity: LD50 (Rat): > 500 - 2,000 mg/kg
      Remarks: Based on data from similar materials
   Acute inhalation toxicity: LC50 (Rat): > 1.6 mg/l
      Exposure time: 4 h
      Test atmosphere: dust/mist
      Remarks: Based on data from similar materials
   Acute dermal toxicity: LD50 (Rat): > 2,000 mg/kg
      Remarks: Based on data from similar materials

Limonene:
   Acute oral toxicity: LD50 (Rat): > 2,000 mg/kg
      Assessment: The substance or mixture has no acute oral toxicity
      Remarks: Based on data from similar materials

Skin corrosion/irritation
Not classified based on available information.

Components:
Laureth-7:
   Species: Rabbit
   Result: No skin irritation
   Remarks: Based on data from similar materials

Limonene:
   Species: Rabbit
   Result: Skin irritation

Serious eye damage/eye irritation
Causes serious eye irritation.

Product:
Result: Irritating to eyes.

Components:
Laureth-7:
   Species: Rabbit
   Result: Irreversible effects on the eye
   Remarks: Based on data from similar materials

Limonene:
   Species: Rabbit
   Result: No eye irritation
Respiratory or skin sensitisation
Skin sensitisation: Not classified based on available information.
Respiratory sensitisation: Not classified based on available information.

Product:
Result: Does not cause skin sensitisation.
Remarks: Patch test on human volunteers did not demonstrate sensitisation properties.

Components:
Laureth-7:
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

Limonene:
Test Type: Local lymph node assay (LLNA)
Exposure routes: Skin contact
Species: Mouse
Result: positive

Assessment: Probability or evidence of skin sensitisation in humans

Germ cell mutagenicity
Not classified based on available information.

Components:
Laureth-7:
Genotoxicity in vitro: Test Type: Bacterial reverse mutation assay (AMES)
Method: OECD Test Guideline 471
Result: negative
Remarks: Based on data from similar materials

Limonene:
Genotoxicity in vitro: Test Type: In vitro mammalian cell gene mutation test
Result: negative

Genotoxicity in vivo: Test Type: Transgenic rodent somatic cell gene mutation assay
Test species: Rat
Application Route: Ingestion
Result: negative

Carcinogenicity
Not classified based on available information.

Components:
Limonene:
Species: Mouse
Application Route: Ingestion
Exposure time: 103 weeks
Result: negative
SAFETY DATA SHEET

GOJO® Scrubbing Towels

Version 1.0  SDS Number: 400000000211  Revision Date: 03/29/2018

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.

STOT - single exposure
Not classified based on available information.

STOT - repeated exposure
Not classified based on available information.

Repeated dose toxicity

Components:
Limonene:
Species: Rat
NOAEL: 600 mg/kg
Application Route: Ingestion
Exposure time: 13 w

Aspiration toxicity
Not classified based on available information.

Components:
Limonene:
The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:
Laureth-7:
Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 1 - 10 mg/l
Exposure time: 96 h
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1 - 10 mg/l
Exposure time: 48 h
Remarks: Based on data from similar materials

Toxicity to daphnia and other : NOEC (Daphnia magna (Water flea)): > 0.1 - 1 mg/l
aquatic invertebrates (Chronic toxicity) Exposure time: 21 d
Remarks: Based on data from similar materials

**Limonene:**
- **Toxicity to fish**
  - LC50 (Pimephales promelas (fathead minnow)): 0.72 mg/l
  - Exposure time: 96 h
- **Toxicity to daphnia and other aquatic invertebrates**
  - EC50 (Daphnia magna (Water flea)): 0.36 mg/l
  - Exposure time: 48 h
- **Toxicity to algae**
  - ErC50 (Desmodesmus subspicatus (green algae)): 150 mg/l
  - Exposure time: 72 h
  - Test substance: Water Accommodated Fraction
  - Remarks: Based on data from similar materials

**M-Factor (Acute aquatic toxicity)**: 1

**Persistence and degradability**

**Components:**
- **Laureth-7:**
  - Biodegradability: Result: rapidly degradable
  - Remarks: Based on data from similar materials

**Limonene:**
- Biodegradability: Result: Readily biodegradable.
  - Biodegradation: 80 %
  - Exposure time: 28 d
  - Remarks: Based on data from similar materials

**Bioaccumulative potential**

**Components:**
- **Laureth-7:**
  - Bioaccumulation: Species: Fish
  - Bioconcentration factor (BCF): < 500
  - Remarks: Based on data from similar materials

**Limonene:**
- Partition coefficient: n-octanol/water: log Pow: 4.38

**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 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 toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Pennsylvania Right To Know
Water (Aqua) 7732-18-5 90 - 100 %
Laureth-7 9002-92-0 1 - 5 %

New Jersey Right To Know
Water (Aqua) 7732-18-5 90 - 100 %
Laureth-7 9002-92-0 1 - 5 %
Polysorbate 20 9005-64-5 1 - 5 %

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:

TSCA : On TSCA Inventory
AICS : On the inventory, or in compliance with the inventory
DSL : All components of this product are on the Canadian DSL.
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

1

2

0

Instability

Special hazard.

HMIS III:

HEALTH

FLAMMABILITY

PHYSICAL HAZARD

2

1

0

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

Revision Date : 03/29/2018

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.