

# SAFETY DATA SHEET



## GOJO® NATURAL \* ORANGE™ Pumice Hand Cleaner

Version 1.1      Revision Date: 15.06.2016      MSDS Number: 78100-00001      Date of last issue: 19.03.2015  
Date of first issue: 19.03.2015

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : GOJO® NATURAL \* ORANGE™ Pumice Hand Cleaner

#### Manufacturer or supplier's details

Company : GOJO Australasia Pty Ltd  
Address : Suite 14A, Unit 1, Level 1  
Lakes Business Park, 2B Lord Street  
Botany NSW 2019  
Telephone : +612 9016 3885  
Emergency telephone number : 1800 634 340

#### 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.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Acute aquatic toxicity : Category 3  
Chronic aquatic toxicity : Category 3

#### GHS Label element

Hazard pictograms : None  
Signal word : None  
Hazard statements : H412 Harmful to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P273 Avoid release to the environment.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

# SAFETY DATA SHEET



## GOJO® NATURAL \* ORANGE™ Pumice Hand Cleaner

Version 1.1      Revision Date: 15.06.2016      MSDS Number: 78100-00001      Date of last issue: 19.03.2015  
Date of first issue: 19.03.2015

### Other hazards which do not result in classification

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous components

| Chemical Name                               | CAS-No.    | Concentration (%) |
|---|------------|-------------------|
| Distillates (petroleum), hydrotreated light | 64742-47-8 | < 10              |
| 1-Methyl 4-(1-Methylethenyl) Cyclohexene    | 5989-27-5  | < 10              |

## SECTION 4. FIRST AID MEASURES

- If inhaled : If inhaled, remove to fresh air.  
Get medical attention if symptoms occur.
- In case of skin contact : Wash with water and soap as a precaution.  
Get medical attention if symptoms occur.
- In case of eye contact : Flush eyes with water as a precaution.  
Get medical attention if irritation develops and persists.
- If swallowed : If swallowed, DO NOT induce vomiting.  
Get medical attention if symptoms occur.  
Rinse mouth thoroughly with water.
- Most important symptoms and effects, both acute and delayed : None known.
- Protection of first-aiders : No special precautions are necessary for first aid responders.
- Notes to physician : Treat symptomatically and supportively.

## SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray  
Alcohol-resistant foam  
Dry chemical  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : None known.
- Specific hazards during fire-fighting : Exposure to combustion products may be a hazard to health.
- Hazardous combustion products : Carbon oxides

# SAFETY DATA SHEET



## GOJO® NATURAL \* ORANGE™ Pumice Hand Cleaner

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | MSDS Number: | Date of last issue: 19.03.2015  |
| 1.1     | 15.06.2016     | 78100-00001  | Date of first issue: 19.03.2015 |

---

- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray to cool unopened containers.  
Remove undamaged containers from fire area if it is safe to do so.  
Evacuate area.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.  
Use personal protective equipment.
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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Follow safe handling advice and personal protective equipment recommendations.
- 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 : Soak up with inert absorbent material.  
For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.  
Clean up remaining materials from spill with suitable absorbent.  
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.  
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.
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### SECTION 7. HANDLING AND STORAGE

- Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
- Local/Total ventilation : Use only with adequate ventilation.
- Advice on safe handling : Avoid prolonged or repeated contact with skin.  
Handle in accordance with good industrial hygiene and safety practice.  
Take care to prevent spills, waste and minimize release to the environment.

# SAFETY DATA SHEET



## GOJO® NATURAL \* ORANGE™ Pumice Hand Cleaner

Version 1.1      Revision Date: 15.06.2016      MSDS Number: 78100-00001      Date of last issue: 19.03.2015  
Date of first issue: 19.03.2015

- Hygiene measures : Ensure that eye flushing systems and safety showers are located close to the working place.  
When using do not eat, drink or smoke.  
Wash contaminated clothing before re-use.
- Conditions for safe storage : Keep in properly labelled containers.  
Store in accordance with the particular national regulations.
- Materials to avoid : Do not store with the following product types:  
Strong oxidizing agents

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

| Components                                  | CAS-No.    | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis  |
|---|------------|-------------------------------|--|--------|
| Distillates (petroleum), hydrotreated light | 64742-47-8 | TWA (Mist)                    | 5 mg/m <sup>3</sup>                            | AU OEL |

**Engineering measures** : Ensure adequate ventilation, especially in confined areas.  
Minimize workplace exposure concentrations.

#### Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Organic vapour type

Hand protection

Remarks : For prolonged or repeated contact use protective gloves.  
Wash hands before breaks and at the end of workday.

Eye protection : Wear the following personal protective equipment:  
Safety glasses

Skin and body protection : Skin should be washed after contact.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Colour : grey, opaque
- Odour : like fruit
- Odour Threshold : No data available

# SAFETY DATA SHEET



## GOJO® NATURAL \* ORANGE™ Pumice Hand Cleaner

Version 1.1      Revision Date: 15.06.2016      MSDS Number: 78100-00001      Date of last issue: 19.03.2015  
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---

pH : 6 - 8

Melting point/freezing point : No data available

Solidification / Setting point : 11.40 °C

Initial boiling point and boiling range : 98.00 °C

Flash point : > 100 °C

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 : 1.0000 g/cm<sup>3</sup>

Solubility(ies)  
Water solubility : soluble

Partition coefficient: n-octanol/water : Not applicable

Auto-ignition temperature : No data available

Decomposition temperature : The substance or mixture is not classified self-reactive.

Viscosity  
Viscosity, kinematic : 10,000 - 45,000 mm<sup>2</sup>/s (20 °C)

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not classified as a reactivity hazard.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Can react with strong oxidizing agents.

# SAFETY DATA SHEET



## GOJO® NATURAL \* ORANGE™ Pumice Hand Cleaner

|                |                              |                             |   |
|----------------|------------------------------|-----------------------------|---|
| Version<br>1.1 | Revision Date:<br>15.06.2016 | MSDS Number:<br>78100-00001 | Date of last issue: 19.03.2015<br>Date of first issue: 19.03.2015 |
|----------------|------------------------------|-----------------------------|---|

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|                                  |  |
|----------------------------------|--|
| Conditions to avoid              | : None known.                                    |
| Incompatible materials           | : Oxidizing agents                               |
| Hazardous decomposition products | : No hazardous decomposition products are known. |

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### SECTION 11. TOXICOLOGICAL INFORMATION

|                 |  |
|-----------------|--|
| Exposure routes | : Inhalation<br>Skin contact<br>Ingestion<br>Eye contact |
|-----------------|--|

#### Acute toxicity

Not classified based on available information.

#### **Components:**

##### **Distillates (petroleum), hydrotreated light:**

|                           |  |
|---------------------------|--|
| Acute oral toxicity       | : LD50 (Rat): > 5,000 mg/kg  |
| Acute inhalation toxicity | : LC50 (Rat): > 5.3 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist<br>Assessment: The substance or mixture has no acute inhalation toxicity<br>Remarks: Based on data from similar materials |
| Acute dermal toxicity     | : LD50 (Rabbit): > 3,160 mg/kg<br>Assessment: The substance or mixture has no acute dermal toxicity  |

##### **1-Methyl 4-(1-Methylethenyl) Cyclohexene:**

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

#### Skin corrosion/irritation

Not classified based on available information.

#### **Product:**

Result: No skin irritation

#### **Components:**

##### **Distillates (petroleum), hydrotreated light:**

Assessment: Repeated exposure may cause skin dryness or cracking.

##### **1-Methyl 4-(1-Methylethenyl) Cyclohexene:**

Species: Rabbit  
Result: Skin irritation

# SAFETY DATA SHEET



## GOJO® NATURAL \* ORANGE™ Pumice Hand Cleaner

Version 1.1      Revision Date: 15.06.2016      MSDS Number: 78100-00001      Date of last issue: 19.03.2015  
Date of first issue: 19.03.2015

---

### Serious eye damage/eye irritation

Not classified based on available information.

#### **Components:**

##### **Distillates (petroleum), hydrotreated light:**

Species: Rabbit

Result: No eye irritation

##### **1-Methyl 4-(1-Methylethenyl) Cyclohexene:**

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:**

Assessment: Does not cause skin sensitisation.

#### **Components:**

##### **Distillates (petroleum), hydrotreated light:**

Test Type: Maximisation Test (GPMT)

Exposure routes: Skin contact

Species: Guinea pig

Result: negative

Remarks: Based on data from similar materials

##### **1-Methyl 4-(1-Methylethenyl) Cyclohexene:**

Test Type: Local lymph node assay (LLNA)

Exposure routes: Skin contact

Species: Mouse

Result: positive

Assessment: Probability or evidence of skin sensitisation in humans

### Chronic toxicity

#### **Germ cell mutagenicity**

Not classified based on available information.

#### **Components:**

##### **Distillates (petroleum), hydrotreated light:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Genotoxicity in vivo : Test Type: Chromosomal aberration  
Species: Rat  
Application Route: Intraperitoneal injection  
Result: negative  
Remarks: Based on data from similar materials

##### **1-Methyl 4-(1-Methylethenyl) Cyclohexene:**

# SAFETY DATA SHEET



## GOJO® NATURAL \* ORANGE™ Pumice Hand Cleaner

Version 1.1      Revision Date: 15.06.2016      MSDS Number: 78100-00001      Date of last issue: 19.03.2015  
Date of first issue: 19.03.2015

---

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  
Species: Rat  
Application Route: Ingestion  
Result: negative

### **Carcinogenicity**

Not classified based on available information.

#### **Components:**

##### **1-Methyl 4-(1-Methylethenyl) Cyclohexene:**

Species: Mouse  
Application Route: Ingestion  
Exposure time: 103 weeks  
Result: negative

### **Reproductive toxicity**

Not classified based on available information.

#### **Components:**

##### **Distillates (petroleum), hydrotreated light:**

Effects on fertility      : Test Type: One-generation reproduction toxicity study  
Species: Rat  
Application Route: Ingestion  
Result: negative  
Remarks: Based on data from similar materials

Effects on foetal development      : Test Type: Embryo-foetal development  
Species: Rat  
Application Route: Ingestion  
Result: negative

### **STOT - single exposure**

Not classified based on available information.

### **STOT - repeated exposure**

Not classified based on available information.

### **Repeated dose toxicity**

#### **Components:**

##### **Distillates (petroleum), hydrotreated light:**

Species: Rat  
NOAEL: > 10.4 mg/l  
Application Route: inhalation (vapour)  
Exposure time: 90 d  
Remarks: Based on data from similar materials

##### **1-Methyl 4-(1-Methylethenyl) Cyclohexene:**

Species: Rat



# SAFETY DATA SHEET



## GOJO® NATURAL \* ORANGE™ Pumice Hand Cleaner

Version 1.1      Revision Date: 15.06.2016      MSDS Number: 78100-00001      Date of last issue: 19.03.2015  
Date of first issue: 19.03.2015

---

NOAEL: 600 mg/kg  
Application Route: Ingestion  
Exposure time: 13 w

### Aspiration toxicity

Not classified based on available information.

### Components:

#### **Distillates (petroleum), hydrotreated light:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be re-garded as if it causes a human aspiration toxicity hazard.

#### **1-Methyl 4-(1-Methylethenyl) Cyclohexene:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be re-garded as if it causes a human aspiration toxicity hazard.

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

#### **Distillates (petroleum), hydrotreated light:**

- Toxicity to fish : LL50 (Danio rerio (zebra fish)): > 250 mg/l  
Exposure time: 96 h  
Test substance: Water Accommodated Fraction  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EL50 (Acartia tonsa): > 3,193 mg/l  
Exposure time: 48 h  
Test substance: Water Accommodated Fraction
- Toxicity to algae : EL50 (Skeletonema costatum (marine diatom)): > 3,200 mg/l  
Exposure time: 72 h  
Test substance: Water Accommodated Fraction
- NOELR (Skeletonema costatum (marine diatom)): 993 mg/l  
Exposure time: 72 h  
Test substance: Water Accommodated Fraction
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOELR (Ceriodaphnia dubia (water flea)): > 70 mg/l  
Exposure time: 8 d  
Test substance: Water Accommodated Fraction
- Toxicity to bacteria : EC50: > 100 mg/l  
Exposure time: 3 h
- #### **1-Methyl 4-(1-Methylethenyl) Cyclohexene:**
- Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 0.72 mg/l  
Exposure time: 96 h
- Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 0.36 mg/l
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# SAFETY DATA SHEET



## GOJO® NATURAL \* ORANGE™ Pumice Hand Cleaner

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | MSDS Number: | Date of last issue: 19.03.2015  |
| 1.1     | 15.06.2016     | 78100-00001  | Date of first issue: 19.03.2015 |

---

aquatic invertebrates                      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 tox-              : 1  
icity)

### Persistence and degradability

#### **Components:**

##### **Distillates (petroleum), hydrotreated light:**

Biodegradability                              : Result: Readily biodegradable  
Biodegradation: 82 %  
Exposure time: 24 d  
Method: OECD Test Guideline 301F

##### **1-Methyl 4-(1-Methylethenyl) Cyclohexene:**

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

### Bioaccumulative potential

#### **Components:**

##### **1-Methyl 4-(1-Methylethenyl) Cyclohexene:**

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

#### **Mobility in soil**

No data available

#### **Other adverse effects**

No data available

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## 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.

# SAFETY DATA SHEET



## GOJO® NATURAL \* ORANGE™ Pumice Hand Cleaner

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | MSDS Number: | Date of last issue: 19.03.2015  |
| 1.1     | 15.06.2016     | 78100-00001  | Date of first issue: 19.03.2015 |

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### SECTION 14. TRANSPORT INFORMATION

#### International Regulation

##### UNRTDG

Not regulated as a dangerous good

##### IATA-DGR

Not regulated as a dangerous good

##### IMDG-Code

Not regulated as a dangerous good

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### National Regulations

##### ADG

Not regulated as a dangerous good

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### SECTION 15. REGULATORY INFORMATION

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

Standard for the Uniform : Schedule 6  
Scheduling of Medicines and  
Poisons

Prohibition/Licensing Requirements : There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

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### SECTION 16. OTHER INFORMATION

#### Further information

Sources of key data used to compile the Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Date format : dd.mm.yyyy

#### Full text of other abbreviations

AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.  
AU OEL / TWA : Exposure standard - time weighted average

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 is designed only as a guid-

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|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | MSDS Number: | Date of last issue: 19.03.2015  |
| 1.1     | 15.06.2016     | 78100-00001  | Date of first issue: 19.03.2015 |

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ance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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