



A CSW Industrials Company

SAFETY DATA SHEET

GOJO® SCRUBBING TOWELS

Towels for cleaning hands

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product name
Gojo Scrubbing Towels

Product Codes
40508

Chemical Family
Soap compounds

Use
Hand Cleaner

Manufacturer For
RectorSeal Australia Pty Ltd
PO Box 5266, Brendale
Qld 4500, Australia
www.rectorseal.com.au

Manufactured By
GOJO Australasia PTY Ltd
Suite 14A, Unit 1, Level 1
Lakes Business Park, 2B Lord Street
Botany, NSW 2019
+612 9016 3885

Date of validation
March 29, 2018

Date of Preparation
March 29, 2018

HMIS Codes
Health 2
Flammability 1
Reactivity 0
PPI D

Emergency Telephone No.
Chemtrec 24 Hours
International +1-703-741-5970
Within Australia +(61)-290372994

Technical Service Telephone No.
1300 772 878

SECTION 2 - HAZARDS IDENTIFICATION

GHS Classification

Serious eye damage/eye irritation: Category 2A

GHS Label Elements

Hazard pictograms



Signal word: Warning

Hazard
Statements: H319 Causes serious eye irritation

SECTION 2 - HAZARDS IDENTIFICATION (CONTINUED)

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 which do not result in classification

None known.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Concentration (% w/w)
Laureth-7	9002-92-0	< 10
Limonene	5989-27-5	< 10

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 - FIRE FIGHTING MEASURES

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	None known.
Specific hazards during firefighting	Exposure to decomposition products may be a hazard to health.
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. 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.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.
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

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Limonene	5989-27-5	TWA	20 ppm	ACGIH

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.

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

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

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (CONTINUED)

AUTO-IGNITION TEMPERATURE: No data available

DECOMPOSITION TEMPERATURE: 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 - TOXICOLOGY INFORMATION

Exposure routes: Inhalation
Eye contact
Skin contact

Acute Toxicity:

Not classified based on available information.

Product:

Acute oral toxicity: Acute toxicity estimate: > 2,000 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

SECTION 11 - TOXICOLOGY INFORMATION (CONTINUED)

Limonene:

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

Not classified based on available information.

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.

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

Assessment: Probability or evidence of skin sensitisation in humans

Chronic toxicity

Germ cell mutagenicity

Not classified based on available information.

Limonene:

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

SECTION 11 - TOXICOLOGY INFORMATION (CONTINUED)

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
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

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.

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 aquatic invertebrates (Chronic toxicity) NOEC (Daphnia magna (Water flea)): > 0.1 - 1 mg/l
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

SECTION 12 - ECOLOGICAL INFORMATION (CONTINUED)

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

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 - TRANSPORTATION INFORMATION

International Regulations

IATR-DGR: Not regulated as a dangerous good
IMDG-Code Not regulated as a dangerous good

National Regulations

ADG Not regulated as a dangerous good

SECTION 15 - REGULATORY INFORMATION

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

Standard for the Uniform Scheduling of Medicines and Poisons	Schedule 6
Prohibition/Licensing Requirements	There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

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 DS
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

SECTION 16 - OTHER INFORMATION

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