

**AQUELL® Moisturizing Lotion**

Version	Revision Date:	SDS Number:	Date of last issue: 01/09/2017
1.1	02/12/2018	400000000027	Date of first issue: 01/09/2017

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**SECTION 1. IDENTIFICATION**

Product name : AQUELL® Moisturizing Lotion

**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.

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**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Not a hazardous substance or mixture.

**GHS label elements**

Not a hazardous substance or mixture.

**Other hazards**

None known.

**AQUELL® Moisturizing Lotion**

Version 1.1      Revision Date: 02/12/2018      SDS Number: 400000000027      Date of last issue: 01/09/2017  
 Date of first issue: 01/09/2017

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**
**Hazardous components**

Chemical name	CAS-No.	Concentration (% w/w)
Glycerin	56-81-5	>= 1 - < 5
Stearic Acid	57-11-4	>= 1 - < 5

**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 : Flush eyes with water as a precaution.  
 Get medical attention if irritation develops and persists.
- If swallowed : If swallowed, DO NOT induce vomiting.  
 Rinse mouth with water.  
 Obtain medical attention.
- Most important symptoms and effects, both acute and delayed : None known.
- Protection of first-aiders : No special precautions are necessary for first aid responders.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : None known.
- 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

## AQUELL® Moisturizing Lotion

Version 1.1      Revision Date: 02/12/2018      SDS Number: 400000000027      Date of last issue: 01/09/2017  
Date of first issue: 01/09/2017

be disposed of in accordance with local regulations.

### 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 : 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.  
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

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Glycerin	56-81-5	TWA	10 mg/m <sup>3</sup>	CA BC OEL
		TWA (Respirable)	3 mg/m <sup>3</sup>	CA BC OEL
		TWA (Mist)	10 mg/m <sup>3</sup>	CA BC OEL
		TWA (Mist)	10 mg/m <sup>3</sup>	CA AB OEL
		TWAEV (Mist)	10 mg/m <sup>3</sup>	CA QC OEL
		TWA (Respirable mist)	3 mg/m <sup>3</sup>	CA BC OEL
Stearic Acid	57-11-4	TWA	10 mg/m <sup>3</sup>	ACGIH
		TWA	10 mg/m <sup>3</sup>	ACGIH

#### Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally re-

**AQUELL® Moisturizing Lotion**

Version	Revision Date:	SDS Number:	Date of last issue: 01/09/2017
1.1	02/12/2018	400000000027	Date of first issue: 01/09/2017

---

quired.

- 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.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : liquid
- Colour : white, opaque
- Odour : floral
- Odour Threshold : No data available
- pH : 4.5 - 8.5 (20 °C)
- Solidification / Setting point : 9.50 °C
- Initial boiling point and boiling range : 99.00 °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 : 1.0003 g/cm<sup>3</sup>
- Solubility(ies)  
Water solubility : soluble

**AQUELL® Moisturizing Lotion**

Version	Revision Date:	SDS Number:	Date of last issue: 01/09/2017
1.1	02/12/2018	400000000027	Date of first issue: 01/09/2017

---

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	:	2500 - 40000 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.
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****Information on likely routes of exposure**

Inhalation  
Eye contact  
Skin contact

**Acute toxicity**

Not classified based on available information.

**Components:****Glycerin:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

**Stearic Acid:**

Acute oral toxicity : LD50: > 2,000 mg/kg  
Method: OECD Test Guideline 401  
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : LC50 (Rat): > 0.1621 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Assessment: The substance or mixture has no acute inhalation toxicity

**AQUELL® Moisturizing Lotion**

Version 1.1      Revision Date: 02/12/2018      SDS Number: 400000000027      Date of last issue: 01/09/2017  
Date of first issue: 01/09/2017

---

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Assessment: The substance or mixture has no acute dermal toxicity

**Skin corrosion/irritation**

Not classified based on available information.

**Components:****Glycerin:**

Result: No skin irritation

**Stearic Acid:**

Species: Rabbit

Result: No skin irritation

**Serious eye damage/eye irritation**

Not classified based on available information.

**Components:****Glycerin:**

Result: No eye irritation

**Stearic Acid:**

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:****Stearic Acid:**

Test Type: Buehler Test

Exposure routes: Skin contact

Species: Guinea pig

Result: negative

**Germ cell mutagenicity**

Not classified based on available information.

**Components:****Glycerin:**

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 476  
Result: negative

**AQUELL® Moisturizing Lotion**

Version 1.1      Revision Date: 02/12/2018      SDS Number: 400000000027      Date of last issue: 01/09/2017  
Date of first issue: 01/09/2017

---

**Stearic Acid:**

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro  
Method: OECD Test Guideline 473  
Result: negative  
Remarks: Based on data from similar materials

**Carcinogenicity**

Not classified based on available information.

**Components:****Glycerin:**

Species: Rat  
Application Route: Ingestion  
Exposure time: 2 Years  
Result: negative

**Reproductive toxicity**

Not classified based on available information.

**Components:****Glycerin:**

Effects on fertility : Test Type: Two-generation reproduction toxicity study  
Species: Rat  
Application Route: Ingestion  
Result: negative

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

**Stearic Acid:**

Effects on fertility : Test Type: Combined repeated dose toxicity study with the re  
production/developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 422  
Result: negative

Effects on foetal development : Test Type: Combined repeated dose toxicity study with the re  
production/developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 422  
Result: negative

**STOT - single exposure**

Not classified based on available information.

**AQUELL® Moisturizing Lotion**

Version 1.1      Revision Date: 02/12/2018      SDS Number: 400000000027      Date of last issue: 01/09/2017  
Date of first issue: 01/09/2017

---

**STOT - repeated exposure**

Not classified based on available information.

**Repeated dose toxicity****Components:****Glycerin:**

Species: Rat  
NOAEL: 167 mg/m<sup>3</sup>  
LOAEL: 660 mg/m<sup>3</sup>  
Application Route: inhalation (dust/mist/fume)  
Exposure time: 13 w  
Symptoms: Local irritation

**Stearic Acid:**

Species: Rat  
NOAEL: 1,000 mg/kg  
Application Route: Ingestion  
Exposure time: 42 d  
Method: OECD Test Guideline 422

**Aspiration toxicity**

Not classified based on available information.

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Components:****Glycerin:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 54,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1,955 mg/l  
Exposure time: 48 h

Toxicity to bacteria : NOEC (Pseudomonas putida): > 10,000 mg/l  
Exposure time: 16 h

**Stearic Acid:**

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): > 10,000 mg/l  
Exposure time: 48 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 4.8 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
Remarks: No toxicity at the limit of solubility

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): > 0.9 mg/l  
Exposure time: 72 h

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**AQUELL® Moisturizing Lotion**

Version	Revision Date:	SDS Number:	Date of last issue: 01/09/2017
1.1	02/12/2018	400000000027	Date of first issue: 01/09/2017

---

Method: OECD Test Guideline 201  
Remarks: No toxicity at the limit of solubility

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): > 0.22 mg/l  
Exposure time: 21 d  
Method: OECD Test Guideline 211  
Remarks: No toxicity at the limit of solubility

Toxicity to bacteria : EC10 (Pseudomonas putida): 883 mg/l  
Exposure time: 16 h

**Persistence and degradability****Components:****Glycerin:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 94 %  
Exposure time: 1 d

**Stearic Acid:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 93 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B

**Bioaccumulative potential****Components:****Glycerin:**

Partition coefficient: n-octanol/water : log Pow: -1.76

**Stearic Acid:**

Bioaccumulation : Species: Fish  
Bioconcentration factor (BCF): 238 - 288  
Remarks: Based on data from similar materials

Partition coefficient: n-octanol/water : log Pow: > 5

**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.



**AQUELL® Moisturizing Lotion**

Version	Revision Date:	SDS Number:	Date of last issue: 01/09/2017
1.1	02/12/2018	400000000027	Date of first issue: 01/09/2017

---

ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Revision Date : 02/12/2018

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