

# SAFETY DATA SHEET



## GOJO® HAND CREME Professional Skin Conditioner

Version 1.2      Revision Date: 19.03.2015      MSDS Number: 46651-00003      Date of last issue: 10.02.2015  
Date of first issue: 12.01.2015

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : GOJO® HAND CREME Professional Skin Conditioner

#### Manufacturer or supplier's details

Company name of supplier : GOJO Industries, Inc.

Address : One GOJO Plaza, Suite 500  
Akron OH 44311

Telephone : 1 (330) 255-6000

Emergency telephone : 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.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Acute aquatic toxicity : Category 3

#### GHS Label element

Hazard Statements : H402 Harmful to aquatic life.

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

#### Other hazards which do not result in classification

None known.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous ingredients

Chemical Name	CAS-No.	Concentration (%)
Petrolatum	8009-03-8	>= 1 - < 5
Glycerine	56-81-5	>= 1 - < 5
Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	68391-05-9	>= 0.1 - < 1
Benzalkonium chloride	8001-54-5	< 0.1
3-Iodo-2-Propynylbutyl Carbamate	55406-53-6	< 0.1

### 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. FIRE-FIGHTING 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.

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- Hazardous combustion products : Carbon oxides  
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.  
Remove undamaged containers from fire area if it is safe to do so.  
Evacuate area.
- Special protective equipment for fire-fighters : 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 diking or other appropriate containment to keep material from spreading. If diked 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 : Handle in accordance with good industrial hygiene and safety practice.
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Take care to prevent spills, waste and minimize release to the environment.

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 labeled 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

#### Ingredients with workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Petrolatum	8009-03-8	LMPE-PPT (Mist)	5 mg/m <sup>3</sup>	MX OEL
		LMPE-CT (Mist)	10 mg/m <sup>3</sup>	MX OEL
		VLE-PPT (Mist)	5 mg/m <sup>3</sup>	NOM-010-STPS-2014
		TWA (Inhalable fraction)	5 mg/m <sup>3</sup>	ACGIH
Glycerine	56-81-5	LMPE-PPT (Mist)	10 mg/m <sup>3</sup>	MX OEL
		VLE-PPT (Mist)	10 mg/m <sup>3</sup>	NOM-010-STPS-2014

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 : Combined particulates and organic vapor type

Hand protection

Remarks : Wash hands before breaks and at the end of workday.

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

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

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : white, opaque

Odor : none

Odor Threshold : No data available

pH : 3.5 - 5.0

Melting point/freezing point : No data available

Initial boiling point and boiling range : 93.00 °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

Vapor pressure : No data available

Relative vapor density : No data available

Density : 1.0 g/cm<sup>3</sup>

Solubility(ies)  
Water solubility : soluble

Partition coefficient: n-octanol/water : Not applicable

Autoignition temperature : No data available

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

Viscosity  
Viscosity, kinematic : 3,000 - 30,000 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.

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  
Skin contact  
Ingestion  
Eye contact

#### Acute toxicity

Not classified based on available information.

#### Ingredients:

##### **Petrolatum:**

Acute oral toxicity : LD50 (Rat): > 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

##### **Glycerine:**

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

##### **Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides:**

Acute oral toxicity : LD50 (Rat): 960 mg/kg

##### **Benzalkonium chloride:**

Acute oral toxicity : LD50 (Rat): 344 mg/kg  
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): 0.25 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

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Method: OECD Test Guideline 403  
Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rabbit): 3,412 mg/kg  
Remarks: Based on data from similar materials

### **3-Iodo-2-Propynylbutyl Carbamate:**

Acute oral toxicity : LD50 (Rat): > 300 - 500 mg/kg  
Method: OECD Test Guideline 423

Acute inhalation toxicity : LC50 (Rat): 0.67 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

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.

### **Product:**

Result: No skin irritation

### **Ingredients:**

#### **Petrolatum:**

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

#### **Glycerine:**

Result: No skin irritation

#### **Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides:**

Species: Rabbit  
Result: Corrosive after 3 minutes to 1 hour of exposure

#### **Benzalkonium chloride:**

Species: Rabbit  
Result: Corrosive after 3 minutes to 1 hour of exposure  
Remarks: Based on data from similar materials

#### **3-Iodo-2-Propynylbutyl Carbamate:**

Species: Rabbit  
Result: No skin irritation

### **Serious eye damage/eye irritation**

Not classified based on available information.

### **Ingredients:**

#### **Petrolatum:**

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Species: Rabbit  
Result: No eye irritation  
Method: OECD Test Guideline 405  
Remarks: Based on data from similar materials

**Glycerine:**

Result: No eye irritation

**Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides:**

Species: Rabbit  
Result: Irreversible effects on the eye

**Benzalkonium chloride:**

Species: Rabbit  
Result: Irreversible effects on the eye  
Remarks: Based on data from similar materials

**3-Iodo-2-Propynylbutyl Carbamate:**

Species: Rabbit  
Result: Irreversible effects on the eye

**Respiratory or skin sensitization**

Skin sensitization: Not classified based on available information.  
Respiratory sensitization: Not classified based on available information.

**Product:**

Assessment: Does not cause skin sensitization.

**Ingredients:**

**Petrolatum:**

Test Type: Buehler Test  
Routes of exposure: Skin contact  
Species: Guinea pig  
Result: negative  
Remarks: Based on data from similar materials

**Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides:**

Test Type: Buehler Test  
Routes of exposure: Skin contact  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: negative  
Remarks: Based on data from similar materials

**Benzalkonium chloride:**

Test Type: Buehler Test  
Routes of exposure: Skin contact  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: negative  
Remarks: Based on data from similar materials

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### **3-Iodo-2-Propynylbutyl Carbamate:**

Test Type: Maximization Test (GPMT)  
Routes of exposure: Skin contact  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: positive

Assessment: Probability or evidence of skin sensitization in humans

### **Germ cell mutagenicity**

Not classified based on available information.

### **Ingredients:**

#### **Petrolatum:**

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

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)  
Species: Mouse  
Application Route: Intraperitoneal injection  
Method: OECD Test Guideline 474  
Result: negative  
Remarks: Based on data from similar materials

#### **Glycerine:**

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

#### **Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides:**

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

#### **Benzalkonium chloride:**

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)  
Species: Mouse  
Application Route: Ingestion  
Method: OECD Test Guideline 474  
Result: negative  
Remarks: Based on data from similar materials

#### **3-Iodo-2-Propynylbutyl Carbamate:**

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

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Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)  
Species: Mouse  
Application Route: Ingestion  
Result: negative

### **Carcinogenicity**

Not classified based on available information.

### **Ingredients:**

#### **Petrolatum:**

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

#### **Glycerine:**

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

#### **Benzalkonium chloride:**

Species: Rat  
Application Route: Ingestion  
Exposure time: 2 Years  
Method: OECD Test Guideline 453  
Result: negative  
Remarks: Based on data from similar materials

#### **3-Iodo-2-Propynylbutyl Carbamate:**

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

### **Reproductive toxicity**

Not classified based on available information.

### **Ingredients:**

#### **Petrolatum:**

Effects on fertility : Test Type: Reproduction/Developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Result: negative  
Remarks: Based on data from similar materials

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Skin contact

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Result: negative  
Remarks: Based on data from similar materials

### **Glycerine:**

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

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

### **Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides:**

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

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

### **Benzalkonium chloride:**

Effects on fertility : Test Type: Two-generation study  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 416  
Result: negative  
Remarks: Based on data from similar materials

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

### **3-Iodo-2-Propynylbutyl Carbamate:**

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

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 414  
Result: negative

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### **STOT-single exposure**

Not classified based on available information.

### **STOT-repeated exposure**

Not classified based on available information.

### **Ingredients:**

#### **3-Iodo-2-Propynylbutyl Carbamate:**

Routes of exposure: inhalation (dust/mist/fume)

Target Organs: larynx

Assessment: Shown to produce significant health effects in animals at concentrations of 0.02 mg/l/6h/d or less.

### **Repeated dose toxicity**

#### **Ingredients:**

##### **Petrolatum:**

Species: Rat

NOAEL: 5,000 mg/kg

Application Route: Ingestion

Exposure time: 2 y

##### **Glycerine:**

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

##### **Benzalkonium chloride:**

Species: Dog

NOAEL: 50 mg/kg

Application Route: Ingestion

Exposure time: 13 w

Method: OECD Test Guideline 409

Remarks: Based on data from similar materials

##### **3-Iodo-2-Propynylbutyl Carbamate:**

Species: Rat

NOAEL: 1.16 mg/m<sup>3</sup>

LOAEL: 6.7 mg/m<sup>3</sup>

Application Route: inhalation (dust/mist/fume)

Exposure time: 90 d

Method: OECD Test Guideline 413

### **Aspiration toxicity**

Not classified based on available information.

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**SECTION 12. ECOLOGICAL INFORMATION**
**Ecotoxicity**
**Ingredients:**
**Petrolatum:**

Toxicity to fish : LL50 (Pimephales promelas (fathead minnow)): > 100 mg/l  
Exposure time: 96 h  
Test substance: Water Accommodated Fraction  
Method: OECD Test Guideline 203  
Remarks: Based on data from similar materials

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 10,000 mg/l  
aquatic invertebrates Exposure time: 48 h  
Test substance: Water Accommodated Fraction  
Remarks: Based on data from similar materials

Toxicity to algae : NOEL (Pseudokirchneriella subcapitata (green algae)): >= 100 mg/l  
Exposure time: 72 h  
Test substance: Water Accommodated Fraction  
Method: OECD Test Guideline 201  
Remarks: Based on data from similar materials

Toxicity to daphnia and other : NOEC (Daphnia magna (Water flea)): 10 mg/l  
aquatic invertebrates Exposure time: 21 d  
(Chronic toxicity) Test substance: Water Accommodated Fraction  
Remarks: Based on data from similar materials

**Glycerine:**

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

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

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

**Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides:**

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 0.26 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other : EC50 (Acartia tonsa): 0.295 mg/l  
aquatic invertebrates Exposure time: 48 h  
Method: ISO 14669 and PARCOM method

Toxicity to algae : EC10 (Pseudokirchneriella subcapitata (green algae)): 0.13 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

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ErC50 (Pseudokirchneriella subcapitata (green algae)): 0.386 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

M-Factor (Acute aquatic toxicity) : 1

Toxicity to fish (Chronic toxicity) : NOEC (Pimephales promelas (fathead minnow)): 0.053 mg/l  
Exposure time: 35 d  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0.5 mg/l  
Exposure time: 21 d  
Method: OECD Test Guideline 211

M-Factor (Chronic aquatic toxicity) : 1

Toxicity to bacteria : EC50: 68 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209

### **Benzalkonium chloride:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 0.85 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)): 0.016 mg/l  
Exposure time: 48 h  
Method: Directive 67/548/EEC, Annex V, C.2.  
Remarks: Based on data from similar materials

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): 0.049 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: Based on data from similar materials

EC10 (Pseudokirchneriella subcapitata (green algae)): 0.009 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: Based on data from similar materials

M-Factor (Acute aquatic toxicity) : 10

Toxicity to fish (Chronic toxicity) : NOEC (Pimephales promelas (fathead minnow)): > 32.2 mg/l  
Exposure time: 34 d  
Remarks: Based on data from similar materials

Toxicity to daphnia and other : NOEC (Daphnia magna (Water flea)): 0.0125 mg/l

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aquatic invertebrates (Chronic toxicity)      Exposure time: 21 d  
Method: OECD Test Guideline 211  
Remarks: Based on data from similar materials

M-Factor (Chronic aquatic toxicity)      : 1

Toxicity to bacteria      : EC50: 7.75 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209  
Remarks: Based on data from similar materials

### **3-Iodo-2-Propynylbutyl Carbamate:**

Toxicity to fish      : LC50 (Oncorhynchus mykiss (rainbow trout)): 0.067 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates      : EC50 (Daphnia magna (Water flea)): 0.16 mg/l  
Exposure time: 48 h

Toxicity to algae      : ErC50 (Desmodesmus subspicatus (green algae)): 0.053 mg/l  
Exposure time: 72 h

M-Factor (Acute aquatic toxicity)      : 10

Toxicity to fish (Chronic toxicity)      : NOEC (Pimephales promelas (fathead minnow)): 0.0084 mg/l  
Exposure time: 35 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)      : NOEC (Daphnia magna (Water flea)): 0.05 mg/l  
Exposure time: 21 d

M-Factor (Chronic aquatic toxicity)      : 1

### **Persistence and degradability**

#### **Ingredients:**

##### **Petrolatum:**

Biodegradability      : Result: Not readily biodegradable.  
Biodegradation: 31 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F  
Remarks: Based on data from similar materials

##### **Glycerine:**

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

##### **Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides:**

Biodegradability      : Result: Readily biodegradable.  
Biodegradation: 61 %

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Exposure time: 28 d  
Method: OECD Test Guideline 301B

### **Benzalkonium chloride:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 95.5 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301  
Remarks: Based on data from similar materials

### **3-Iodo-2-Propynylbutyl Carbamate:**

Biodegradability : Result: rapidly degradable

### **Bioaccumulative potential**

#### **Ingredients:**

##### **Glycerine:**

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

##### **Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides:**

Partition coefficient: n-octanol/water : Pow: 4.8

##### **Benzalkonium chloride:**

Partition coefficient: n-octanol/water : log Pow: 0.004  
Remarks: Based on data from similar materials

##### **3-Iodo-2-Propynylbutyl Carbamate:**

Bioaccumulation : Species: Cyprinus carpio (Carp)  
Bioconcentration factor (BCF): 3.30 - 4.5  
Method: OECD Test Guideline 305

Partition coefficient: n-octanol/water : log Pow: 2.81

#### **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® HAND CREME Professional Skin Conditioner

Version	Revision Date:	MSDS Number:	Date of last issue: 10.02.2015
1.2	19.03.2015	46651-00003	Date of first issue: 12.01.2015

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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.

#### Domestic regulation

##### NOM-002-SCT

Not regulated as a dangerous good

#### Special precautions for user

Not applicable

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### SECTION 15. REGULATORY INFORMATION

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

Federal Law for the control of chemical precursors, essential chemical products and machinery for producing capsules, tablets and pills. : Not applicable

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### SECTION 16. OTHER INFORMATION

#### Further information

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

#### Full text of other abbreviations

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
MX OEL	: Mexico. Occupational Exposure Limits
NOM-010-STPS-2014	: Mexico. Norm NOM-010-STPS-2014 on Chemicals Polluting the Work Environment - Identification, Assessment and Control - Appendix 1 Occupational Exposure Limits
ACGIH / TWA	: 8-hour, time-weighted average
MX OEL / LMPE-PPT	: Time weighted average
MX OEL / LMPE-CT	: Short term exposure limit
NOM-010-STPS-2014 / VLE-PPT	: Time weighted average limit value

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