



# SAFETY DATA SHEET

GOJO® SUPRO MAX™ Hand Cleaner

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** : GOJO® SUPRO MAX™ Hand Cleaner  
**Product code** : 7095-511  
**Product description** : Cosmetics.  
**Product type** : Liquid.

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Product use** : Soap for hands  
**Area of application** : Consumer applications, Professional applications.

### 1.3 Details of the supplier of the safety data sheet

GOJO Industries-Europe Ltd.  
Units 5 & 6, Stratus Park  
Brinklow, Milton Keynes  
MK10 0DE  
Recep: +44(0)1908588444  
Fax: +44(0) 1908588445

**e-mail address of person responsible for this SDS** : info@gojo.co.uk

### 1.4 Emergency telephone number

#### Supplier

**Telephone number** : +44 (0) 844 560 5135

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

#### Classification according to Directive 1999/45/EC [DPD]

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** : ~~R~~67  
R52/53

**Human health hazards** : ~~V~~apours may cause drowsiness and dizziness.

**Environmental hazards** : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Hazard symbol or symbols** : Not applicable.

**Indication of danger** : Not applicable.

**Risk phrases** : ~~R~~67- Vapours may cause drowsiness and dizziness.  
R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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## SECTION 2: Hazards identification

- Safety phrases** : S2- Keep out of the reach of children.  
S46- If swallowed, seek medical advice immediately and show this container or label.
- Hazardous ingredients** : Distillates (petroleum), hydrotreated light
- Supplemental label elements** : Not applicable.

### 2.3 Other hazards

- Other hazards which do not result in classification** : None known.

## SECTION 3: Composition/information on ingredients

**Substance/mixture** : Mixture

| Product/ingredient name  | Identifiers   | %        | Classification  |  | Type |
|--|---|----------|---|--|------|
|  |   |          | 67/548/EEC  | Regulation (EC) No. 1272/2008 [CLP]  |      |
| Distillates (petroleum), hydrotreated light  | EC: 265-149-8<br>CAS: 64742-47-8<br>Index: 649-422-00-2 | 15 - <20 | Xn; R65<br>Xi; R38<br>R67<br>N; R51/53  | Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411             | [1]  |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | EC: 263-058-8<br>CAS: 61789-40-0                        | 1 - <5   | Xi; R36/38  | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319  | [1]  |
| Titanium dioxide   | EC: 236-675-5<br>CAS: 13463-67-7                        | 1 - <5   | Not classified.<br><br><b>See Section 16 for the full text of the R-phrases declared above.</b> | Not classified.<br><br><b>See Section 16 for the full text of the H statements declared above.</b> | [2]  |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Inhalation** : Get medical attention if adverse health effects persist or are severe.
- Skin contact** : Get medical attention if irritation develops.
- Ingestion** : Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if adverse health effects persist or are severe.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

## SECTION 4: First aid measures

### 4.2 Most important symptoms and effects, both acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Vapours may cause drowsiness and dizziness.
- Skin contact** :  No known significant effects or critical hazards.
- Ingestion** :  No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo
- Skin contact** :  No specific data.
- Ingestion** : No specific data.

### 4.3 Indication of any immediate medical attention and special treatment needed

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire. Use dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray (fog).
- Unsuitable extinguishing media** :  Do not use water jet.

### 5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous combustion products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
sulfur oxides  
halogenated compounds  
metal oxide/oxides

### 5.3 Advice for firefighters

- Special precautions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. This material is harmful to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No special measures required.

**For emergency responders** : Put on appropriate personal protective equipment.

**6.2 Environmental precautions** : Dilute with plenty of water. Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers.

### 6.3 Methods and materials for containment and cleaning up

**Small spill** : Absorb with an inert material and place in an appropriate waste disposal container.

**Large spill** : Not applicable.

**6.4 Reference to other sections** : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

**Protective measures** : Do not ingest.

**Advice on general occupational hygiene** : Good hygiene practices and housekeeping measures

**7.2 Conditions for safe storage, including any incompatibilities** : Store between the following temperatures: 0 to 40°C (32 to 104°F). Store in original container, protected from direct sunlight.

### 7.3 Specific end use(s)

**Recommendations** : Not available.

**Industrial sector specific solutions** : Not available.

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 8.1 Control parameters

#### Occupational exposure limits

| Product/ingredient name | Exposure limit values  |
|-------------------------|--|
| Titanium dioxide        | <b>EH40/2005 WELs (United Kingdom (UK), 1/2012).</b><br>TWA: 10 mg/m <sup>3</sup> 8 hours. Form: inhalable dust<br>TWA: 4 mg/m <sup>3</sup> 8 hours. Form: respirable dust |

**Recommended monitoring procedures** : No special measures are required.  
handling of larger amounts : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of

## SECTION 8: Exposure controls/personal protection

procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### Derived effect levels

No DELs available.

### Predicted effect concentrations

No PECs available.

## 8.2 Exposure controls

**Appropriate engineering controls** : No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### Individual protection measures

**Hygiene measures** : No special measures are required. However, in compliance with good industrial hygiene practice, exposure to any chemical should be kept to a minimum.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

**Hand protection** : No special protection is required.

**Body protection** : No special protection is required.

**Other skin protection** : No special protection is required.

**Respiratory protection** : No special protection is required.

**Environmental exposure controls** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

|   |                   |
|---|-------------------|
| <b>Physical state</b>                               | : Liquid.         |
| <b>Colour</b>                                       | : Amber. Opaque.  |
| <b>Odour</b>  | : Floral.         |
| <b>Odour threshold</b>                              | : Not available.  |
| <b>pH</b>   | : 4.5 to 8        |
| <b>Melting point/freezing point</b>                 | : Not available.  |
| <b>Initial boiling point and boiling range</b>      | : Not available.  |
| <b>Flash point</b>                                  | : Not applicable. |
| <b>Evaporation rate</b>                             | : Not available.  |
| <b>Flammability (solid, gas)</b>                    | : Not available.  |
| <b>Burning time</b>                                 | : Not applicable. |
| <b>Burning rate</b>                                 | : Not applicable. |
| <b>Upper/lower flammability or explosive limits</b> | : Not available.  |
| <b>Vapour pressure</b>                              | : Not available.  |
| <b>Vapour density</b>                               | : Not available.  |
| <b>Relative density</b>                             | : Not available.  |

## SECTION 9: Physical and chemical properties

|  |                                     |
|--|-------------------------------------|
| Density                                    | : 1 g/cm <sup>3</sup> [20°C (68°F)] |
| Solubility(ies)                            | :<br>Miscible in water.             |
| Partition coefficient: n-octanol/<br>water | : Not available.                    |
| Auto-ignition temperature                  | : Not applicable.                   |
| Decomposition temperature                  | : Not available.                    |
| Viscosity                                  | : Not available.                    |
| Explosive properties                       | : Not applicable.                   |
| Oxidising properties                       | : None.                             |

### 9.2 Other information

No additional information.

## SECTION 10: Stability and reactivity

|  |   |
|--|---|
| 10.1 Reactivity                            | : No specific test data related to reactivity available for this product or its ingredients.                                      |
| 10.2 Chemical stability                    | : The product is stable.  |
| 10.3 Possibility of<br>hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur.   |
| 10.4 Conditions to avoid                   | : None known.   |
| 10.5 Incompatible materials                | : None known. May react or be incompatible with oxidising materials. May react or be incompatible with reducing materials. Metal. |
| 10.6 Hazardous<br>decomposition products   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced.                            |

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Conclusion/Summary : No known significant effects or critical hazards.

#### Irritation/Corrosion

| Product/ingredient name  | Result                 | Species | Score | Exposure | Observation |
|--|------------------------|---------|-------|----------|-------------|
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | Eyes - Severe irritant | Rabbit  | -     | -        | -           |

#### Conclusion/Summary

Skin :  Non-irritant to skin. (Test description: OECD 439)

#### Sensitiser

#### Conclusion/Summary

Skin : No known significant effects or critical hazards.

#### Mutagenicity

#### Conclusion/Summary

: No known significant effects or critical hazards.

#### Carcinogenicity

#### Conclusion/Summary

: No known significant effects or critical hazards.

#### Reproductive toxicity

## SECTION 11: Toxicological information

**Conclusion/Summary** : No known significant effects or critical hazards.

### Teratogenicity

**Conclusion/Summary** : No known significant effects or critical hazards.

**Information on the likely routes of exposure** : Not available.

### Potential acute health effects

**Inhalation** : Vapours may cause drowsiness and dizziness.

**Ingestion** :  No known significant effects or critical hazards.

**Skin contact** :  No known significant effects or critical hazards.

**Eye contact** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo

**Ingestion** : No specific data.

**Skin contact** :  No specific data.

**Eye contact** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : No known significant effects or critical hazards.

**Potential delayed effects** : No known significant effects or critical hazards.

#### Long term exposure

**Potential immediate effects** : No known significant effects or critical hazards.

**Potential delayed effects** : No known significant effects or critical hazards.

### Potential chronic health effects

Not available.

**Conclusion/Summary** : No known significant effects or critical hazards.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

**Other information** : Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

| Product/ingredient name   | Result                           | Species   | Exposure |
|---|----------------------------------|---|----------|
| Distillates (petroleum), hydrotreated light<br>Titanium dioxide | Acute LC50 2200 µg/l Fresh water | Fish - Lepomis macrochirus  | 4 days   |
|   | Acute EC50 5.83 mg/l Fresh water | Algae - Pseudokirchneriella subcapitata - Exponential growth phase  | 72 hours |
|   | Acute LC50 5.5 ppm Fresh water   | Daphnia - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling) | 48 hours |

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## SECTION 12: Ecological information

|  |  |  |                      |
|--|--|--|----------------------|
|  | Acute LC50 >1000000 µg/l Marine water<br>Chronic NOEC 0.984 mg/l Fresh water | Fish - Fundulus heteroclitus<br>Algae - Pseudokirchneriella subcapitata - Exponential growth phase | 96 hours<br>72 hours |
|--|--|--|----------------------|

**Conclusion/Summary** : Not available.

### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.

### 12.3 Bioaccumulative potential

Not available.

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Mobility** : Not available.

### 12.5 Results of PBT and vPvB assessment

**PBT** : Not applicable.

**vPvB** : Not applicable.

**12.6 Other adverse effects** : No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

**Hazardous waste** : The classification of the product may meet the criteria for a hazardous waste.

#### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.



## SECTION 14: Transport information

|                                   | ADR/RID  | ADN  | IMDG   | IATA   |
|-----------------------------------|--|--|--|--|
| 14.1 UN number                    | Not regulated.   | Not regulated.   | Not regulated.   | Not regulated.   |
| 14.2 UN proper shipping name      | -  | -  | -  | -  |
| 14.3 Transport hazard class(es)   | -  | -  | -  | -  |
| 14.4 Packing group                | -  | -  | -  | -  |
| 14.5 Environmental hazards        | No.  | No.  | No.  | No.  |
| 14.6 Special precautions for user | Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. | Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. | Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. | Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. |
| Additional information            | -  | -  | -  | -  |

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available.

## SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Not applicable.

Other EU regulations

Europe inventory : All components are listed or exempted.

Black List Chemicals : Not listed

Priority List Chemicals : Not listed

Integrated pollution prevention and control list (IPPC) - Air : Not listed

## SECTION 15: Regulatory information

- Integrated pollution prevention and control list (IPPC) - Water** : Not listed
- Chemical Weapons Convention List Schedule I Chemicals** : Not listed
- Chemical Weapons Convention List Schedule II Chemicals** : Not listed
- Chemical Weapons Convention List Schedule III Chemicals** : Not listed
- 15.2 Chemical Safety Assessment** :  Chemical Safety Assessments for all substances in this product are either Complete or Not applicable.
- 15.3 Registration status** :  Not applicable.

## SECTION 16: Other information

Indicates information that has changed from previously issued version.

**Abbreviations and acronyms** : ATE = Acute Toxicity Estimate  
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 DNEL = Derived No Effect Level  
 EUH statement = CLP-specific Hazard statement  
 PNEC = Predicted No Effect Concentration  
 RRN = REACH Registration Number

### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Aquatic Chronic 3, H412

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification  | Justification      |
|---|--------------------|
| <input checked="" type="checkbox"/> Aquatic Chronic 3, H412 | Calculation method |

**Full text of abbreviated H statements** : H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 H411 Toxic to aquatic life with long lasting effects.  
 H412 Harmful to aquatic life with long lasting effects.

**Full text of classifications [CLP/GHS]** : Aquatic Chronic 2, H411 AQUATIC TOXICITY (CHRONIC) - Category 2  
 Aquatic Chronic 3, H412 AQUATIC TOXICITY (CHRONIC) - Category 3  
 Asp. Tox. 1, H304 ASPIRATION HAZARD - Category 1  
 Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2  
 Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2  
 STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3

**Full text of abbreviated R phrases** : R65- Harmful: may cause lung damage if swallowed.  
 R38- Irritating to skin.  
 R36/38- Irritating to eyes and skin.  
 R67- Vapours may cause drowsiness and dizziness.  
 R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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## SECTION 16: Other information

**Full text of classifications [DSD/DPD]** : Xn - Harmful  
Xi - Irritant  
N - Dangerous for the environment

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**Date of previous issue** : ~~28~~ September 2011

**Version** : 2

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.