

**PURELL® Advanced Hygienic Hand Rub - B1709**



**SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

**SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name : PURELL® Advanced Hygienic Hand Rub

Product code : B1709.

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

Disinfectant product

**1.3. Details of the supplier of the safety data sheet**

Registered company name : GOJO Industries-Europe Ltd.

Address : Units 5 & 6, Stratus Park.MK10 0DE.Brinklow, Milton Keynes.England.

Telephone : +44(0) 1908588444. Fax : +44(0) 1908588445.

infoUK@gojo.com

**1.4. Emergency telephone number : +44(0) 8445605135.**

Association/Organisation : .

**Other emergency numbers**

Belgique, België, Belgien / Lëtzebuerg, Luxemburg, Luxembourg : Centre Anti-Poisons/Antigifcentrum: 0032 (0)70 245 245

Österreich : Vergiftungsinformationszentrale Vienna: +43 1 406 43 43

Deutschland : Giftnotruf Berlin: +49 30 19240

Bulgaria : Emergency Medical Institute Pirogov: +359 2 9154 409

Hrvatska : Poison Control Centre Zagreb: +358 1 2348 342

Danmark : Poison Hotline, Bispebjerg Hospital: + 45 82 12 12 12

España : Teléfono Instituto Nacional de Toxicología: +34 91 562 04 20

Eesti : Estonian Poison Information Centre: +372 62 69 379

Suomi, Finland : Finland Poison Information Centre:+358 9 471 977

Greece : Poisons Information Centre: +30 21 07 79 37 77

Magyarország : Health Toxicological Information Service: +36 80 20 11 99

Ireland, Éire : Ireland National Poisons Information Centre: +353 1 8379964

Ísland : Iceland Poison Information Centre: +354 525 111, +354 543 2222

Italia : Centro Antiveleni, Roma: +39 06 305 4343

Latvija : Latvian Poisons Information Centre: +371 6704 2473

Lietuva : Apsinuodijimu kontrolės ir informacijos biuras: +370 2 36 20 52, +370 687 53378

Malta : Mater Dei Hospital: + 356 21450000

Norge, Noreg : Norway Poisons Information:+ 47 22 591300

Nederland : Nationaal Vergiftigingen Informatie Centrum: +31 30 274 88 88

Polska : Poland Poison Control and Information Centre, Warsaw: +48 22 619 66 54, +48 22 619 08 97

Portugal : Centro de Informação Antivenenos: +351 21 330 3284

România : Spitalul de Urgenta Floreasca: +40 21 230 8000

United Kingdom : Guy's & St Thomas' Poisons Unit, London: +44 870 243 2241

Slovensko : National Toxicological Information Centre : +421 2 54 77 4 166

Slovenija : Poison Centre: + 386 41 650 500

Sverige : Giftinformationscentralen, Stockholm: +46 8 33 12 31

Schweiz, Suisse, Svizzera, Svizra : Swiss Toxicological Information Centre: +41 44 251 51 51

Cesko : Toxicological Information Centre: +420 22 49 192 93

**SECTION 2 : HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Flammable liquid, Category 3 (Flam. Liq. 3, H226).

Eye irritation, Category 2 (Eye Irrit. 2, H319).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

**PURELL® Advanced Hygienic Hand Rub - B1709**

## 2.2. Label elements

Biocidal mixture (see section 15).

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms :



GHS07



GHS02

Signal Word :

WARNING

Hazard statements :

H226

Flammable liquid and vapour.

H319

Causes serious eye irritation.

Precautionary statements - Prevention :

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Precautionary statements - 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.

## 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

#### Composition :

| Identification                                                                        | (EC) 1272/2008                                                                                                                                                                                             | Note | %                   |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------|
| CAS: 64-17-5<br>EC: 200-578-6<br><br>ETHANOL                                          | GHS07, GHS02<br>Dgr<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319                                                                                                                                            | [1]  | 50 $\leq$ x % < 100 |
| INDEX: 603-117-00-0<br>CAS: 67-63-0<br>EC: 200-661-7<br><br>PROPAN-2-OL               | GHS02, GHS07<br>Dgr<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336                                                                                                                         | [1]  | 2.5 $\leq$ x % < 10 |
| CAS: 56-81-5<br>EC: 200-289-5<br><br>GLYCERINE                                        |                                                                                                                                                                                                            | [1]  | 0 $\leq$ x % < 1    |
| INDEX: 603-070-00-6<br>CAS: 124-68-5<br>EC: 204-709-8<br><br>2-AMINO-2-METHYLPROPANOL | GHS07<br>Wng<br>Eye Irrit. 2, H319<br>Skin Irrit. 2, H315<br>Aquatic Chronic 3, H412                                                                                                                       | [1]  | 0 $\leq$ x % < 1    |
| INDEX: 601-017-00-1<br>CAS: 110-82-7<br>EC: 203-806-2<br><br>CYCLOHEXANE              | GHS02, GHS08, GHS07, GHS09<br>Dgr<br>Flam. Liq. 2, H225<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Aquatic Acute 1, H400<br>M Acute = 1<br>Aquatic Chronic 1, H410<br>M Chronic = 1 | [1]  | 0 $\leq$ x % < 1    |

#### Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

**PURELL® Advanced Hygienic Hand Rub - B1709**

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**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

**4.1. Description of first aid measures**

**In the event of splashes or contact with eyes :**

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

**In the event of swallowing :**

Seek medical attention, showing the label.

**4.2. Most important symptoms and effects, both acute and delayed**

No data available.

**4.3. Indication of any immediate medical attention and special treatment needed**

No data available.

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**SECTION 5 : FIREFIGHTING MEASURES**

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

**5.1. Extinguishing media**

Keep packages near the fire cool, to prevent pressurised containers from bursting.

**Suitable methods of extinction**

In the event of a fire, use :

- carbon dioxide (CO<sub>2</sub>)
- powder
- foam
- dry sand

Prevent the effluent of fire-fighting measures from entering drains or waterways.

**Unsuitable methods of extinction**

In the event of a fire, do not use :

- water jet

**5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

**5.3. Advice for firefighters**

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

**For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

**6.2. Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

**6.3. Methods and material for containment and cleaning up**

Clean preferably with a detergent, do not use solvents.

**6.4. Reference to other sections**

No data available.

**PURELL® Advanced Hygienic Hand Rub - B1709**

## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions for safe handling

Remove and wash contaminated clothing before re-using.

#### Fire prevention :

Handle in well-ventilated areas.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Prevent the accumulation of electrostatic charges with connections to earth.

The mixture can become electrostatically charged : always earth during decanting operations. Wear antistatic shoes and clothing and floors should be electrically conductive.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

#### Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture.

#### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

### 7.2. Conditions for safe storage, including any incompatibilities

No data available.

#### Storage

Keep the container tightly closed in a dry, well-ventilated place.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

Avoid accumulation of electrostatic charges.

#### Packaging

Always keep in packaging made of an identical material to the original.

### 7.3. Specific end use(s)

No data available.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational exposure limits :

- European Union (2009/161/EU, 2006/15/EC, 2000/39/EC, 98/24/EC)

| CAS      | VME-mg/m3 : | VME-ppm : | VLE-mg/m3 : | VLE-ppm : | Notes : |
|----------|-------------|-----------|-------------|-----------|---------|
| 110-82-7 | 700         | 200       | -           | -         | -       |

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

| CAS      | TWA :    | STEL :  | Ceiling : | Definition : | Criteria : |
|----------|----------|---------|-----------|--------------|------------|
| 64-17-5  | 1000 ppm | -       | -         | -            | -          |
| 67-63-0  | 200 ppm  | 400 ppm | -         | -            | -          |
| 56-81-5  | 10 mg/m3 | -       | -         | -            | -          |
| 110-82-7 | 100 ppm  | -       | -         | -            | -          |

- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :

| CAS      | VME :     | VME :     | Excess | Notes  |
|----------|-----------|-----------|--------|--------|
| 64-17-5  | 500 ml/m3 | 960 mg/m3 | 2(II)  | DFG, Y |
| 67-63-0  | 200 ml/m3 | 500 mg/m3 | 2(II)  | DFG, Y |
| 124-68-5 | 1 ml/m3   | 4,6 mg/m3 | 2 (I)  | AGS    |
| 110-82-7 | 200 ml/m3 | 700 mg/m3 | 4(II)  | DFG    |

- Belgium (Order of 19/05/2009, 2010) :

| CAS     | TWA :    | STEL :  | Ceiling : | Definition : | Criteria : |
|---------|----------|---------|-----------|--------------|------------|
| 64-17-5 | 1000 ppm | -       | -         | -            | -          |
| 67-63-0 | 400 ppm  | 500 ppm | -         | -            | -          |

**PURELL® Advanced Hygienic Hand Rub - B1709**

|                                                                                                |            |             |           |              |            |          |
|------------------------------------------------------------------------------------------------|------------|-------------|-----------|--------------|------------|----------|
| 56-81-5                                                                                        | 10 mg/m3   | -           | -         | -            | -          |          |
| 110-82-7                                                                                       | 300 ppm    | -           | -         | -            | -          |          |
| - Denmark (2007) :                                                                             |            |             |           |              |            |          |
| CAS                                                                                            | TWA :      | TWA :       | Anm :     |              |            |          |
| 64-17-5                                                                                        | 1000 ppm   | 1900 mg/m3  | -         |              |            |          |
| 67-63-0                                                                                        | 200 ppm    | 490 mg/m3   | -         |              |            |          |
| 110-82-7                                                                                       | 50 ppm     | 172 mg/m3   | -         |              |            |          |
| - France (INRS - ED984 :2008) :                                                                |            |             |           |              |            |          |
| CAS                                                                                            | VME-ppm :  | VME-mg/m3 : | VLE-ppm : | VLE-mg/m3 :  | Notes :    | TMP No : |
| 64-17-5                                                                                        | 1000       | 1900        | 5000      | 9500         | -          | 84       |
| 67-63-0                                                                                        | -          | -           | 400       | 980          | -          | 84       |
| 56-81-5                                                                                        | -          | 10          | -         | -            | -          | -        |
| 110-82-7                                                                                       | 200        | 700         | -         | -            | -          | 84       |
| - Finland (HTP-värden 2009) :                                                                  |            |             |           |              |            |          |
| CAS                                                                                            | TWA :      | STEL :      | Ceiling : | Definition : | Criteria : |          |
| 64-17-5                                                                                        | 1000 ppm   | 1300 ppm    | -         | -            | -          |          |
| 67-63-0                                                                                        | 200 ppm    | 250 ppm     | -         | -            | -          |          |
| 110-82-7                                                                                       | 100 ppm    | 250 ppm     | -         | -            | -          |          |
| - Spain (Instituto Nacional de Seguridad e Higiene en el Trabajo (INSHT), Mayo 2010) :         |            |             |           |              |            |          |
| CAS                                                                                            | TWA :      | STEL :      | Ceiling : | Definition : | Criteria : |          |
| 64-17-5                                                                                        | 1000 ppm   | -           | -         | -            | -          |          |
| 67-63-0                                                                                        | 400 ppm    | 500 ppm     | -         | -            | -          |          |
| 56-81-5                                                                                        | 10 mg/m3   | -           | -         | -            | -          |          |
| 110-82-7                                                                                       | 300 ppm    | 600 ppm     | -         | -            | -          |          |
| - Ireland (Code of practice for the safety, Health and Welfare at Work, 2010) :                |            |             |           |              |            |          |
| CAS                                                                                            | TWA :      | STEL :      | Ceiling : | Definition : | Criteria : |          |
| 64-17-5                                                                                        | 1000 ppm   | -           | -         | -            | -          |          |
| 67-63-0                                                                                        | 400 ppm    | 500 ppm     | -         | -            | -          |          |
| 56-81-5                                                                                        | 10 mg/m3   | -           | -         | -            | -          |          |
| 110-82-7                                                                                       | 100 ppm    | 300 ppm     | -         | -            | -          |          |
| - Norway (Veiledning om administrative normer for forurensning i arbeidsatmosfære, May 2007) : |            |             |           |              |            |          |
| CAS                                                                                            | TWA :      | STEL :      | Ceiling : | Definition : | Criteria : |          |
| 64-17-5                                                                                        | 500 ppm    | -           | -         | -            | -          |          |
| 67-63-0                                                                                        | 100 ppm    | -           | -         | -            | -          |          |
| 110-82-7                                                                                       | 150 ppm    | -           | -         | -            | -          |          |
| - Netherlands / MAC-waarde (SER, 4 May 2010) :                                                 |            |             |           |              |            |          |
| CAS                                                                                            | TWA :      | STEL :      | Ceiling : | Definition : | Criteria : |          |
| 64-17-5                                                                                        | 500 ppm    | -           | -         | -            | -          |          |
| 67-63-0                                                                                        | 250 ppm    | -           | -         | -            | -          |          |
| 56-81-5                                                                                        | 10 mg/m3   | -           | -         | -            | -          |          |
| 110-82-7                                                                                       | 250 ppm    | 500 ppm     | -         | -            | -          |          |
| - Poland (2009) :                                                                              |            |             |           |              |            |          |
| CAS                                                                                            | TWA :      | STEL :      | Ceiling : | Definition : | Criteria : |          |
| 64-17-5                                                                                        | 1900 mg/m3 | -           | -         | -            | -          |          |
| 67-63-0                                                                                        | 900 mg/m3  | 1200 mg/m3  | -         | -            | -          |          |
| 56-81-5                                                                                        | 10 mg/m3   | -           | -         | -            | -          |          |
| 110-82-7                                                                                       | 300 mg/m3  | 1000 mg/m3  | -         | -            | -          |          |
| Czech Republic (Regulation No. 361/2007) :                                                     |            |             |           |              |            |          |
| CAS                                                                                            | TWA :      | STEL :      | Ceiling : | Definition : | Criteria : |          |
| 64-17-5                                                                                        | 1000 mg/m3 | 3000 mg/m3  | -         | -            | -          |          |
| 67-63-0                                                                                        | 500 mg/m3  | 1000 mg/m3  | -         | -            | -          |          |
| 110-82-7                                                                                       | 500 mg/m3  | 1000 mg/m3  | -         | -            | -          |          |
| Slovakia (Regulation No. 300/2007) :                                                           |            |             |           |              |            |          |
| CAS                                                                                            | TWA :      | STEL :      | Ceiling : | Definition : | Criteria : |          |
| 64-17-5                                                                                        | 500 ppm    | 960 mg/m3   | II..1     |              |            |          |
| 67-63-0                                                                                        | 200 ppm    | 500 mg/m3   | II..1     |              |            |          |
| 110-82-7                                                                                       | 200 ppm    | 700 mg/m3   | II..1     |              |            |          |

**PURELL® Advanced Hygienic Hand Rub - B1709**

- Switzerland (SUVA 2009) :

| CAS      | VME-mg/m3 | VME-ppm | VLE-mg/m3 | VLE-ppm | Temps | RSB |
|----------|-----------|---------|-----------|---------|-------|-----|
| 64-17-5  | 960       | 500     | 1920      | 1000    | 4x15  | -   |
| 67-63-0  | 500       | 200     | 1000      | 400     | 4x15  | B   |
| 56-81-5  | 50 i      | -       | 100 i     | -       | 4x15  | -   |
| 110-82-7 | 700       | 200     | 2800      | 800     | 4x15  | B   |

- Sweden (AFS 2007:2) :

| CAS      | TWA     | STEL     | Ceiling | Definition | Criteria |
|----------|---------|----------|---------|------------|----------|
| 64-17-5  | 500 ppm | 1000 ppm | -       | -          | -        |
| 67-63-0  | 150 ppm | 250 ppm  | -       | -          | -        |
| 110-82-7 | 300 ppm | 370 ppm  | -       | -          | -        |

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

| CAS      | TWA      | STEL    | Ceiling | Definition | Criteria |
|----------|----------|---------|---------|------------|----------|
| 64-17-5  | 1000 ppm | -       | -       | -          | -        |
| 67-63-0  | 400 ppm  | 500 ppm | -       | -          | -        |
| 56-81-5  | 10 mg/m3 | -       | -       | -          | -        |
| 110-82-7 | 100 ppm  | 300 ppm | -       | -          | -        |

## 8.2. Exposure controls

### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

### - Eye / face protection

Avoid contact with eyes.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

### - Body protection

Work clothing worn by personnel shall be laundered regularly.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### General information :

|                  |               |
|------------------|---------------|
| Physical state : | Fluid liquid. |
| Color:           | colourless    |
| Odour:           | alcoholic     |

#### Important health, safety and environmental information

|                          |                              |
|--------------------------|------------------------------|
| pH :                     | 7.50 +/- 1.<br>Neutral.      |
| Flash Point :            | 24.00 °C.                    |
| Vapour pressure (50°C) : | Not relevant.                |
| Density :                | 0,88 g/cm³                   |
| Water solubility :       | Soluble.                     |
| Viscosity :              | 6.000 - 17.000 mm²/s (20 °C) |
| % VOC :                  | < 75%                        |

### 9.2. Other information

No data available.

**PURELL® Advanced Hygienic Hand Rub - B1709**

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**SECTION 10 : STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces
- frost

**10.5. Incompatible materials**

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

**11.1.1. Substances**

No toxicological data available for the substances.

**11.1.2. Mixture**

No toxicological data available for the mixture.

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**SECTION 12 : ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

No data available.

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**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**PURELL® Advanced Hygienic Hand Rub - B1709****Soiled packaging :**

Empty container completely. Keep label(s) on container.  
Give to a certified disposal contractor.

**SECTION 14 : TRANSPORT INFORMATION**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2015).

**14.1. UN number**

1987

**14.2. UN proper shipping name**

UN1987=ALCOHOLS, N.O.S.  
(ethanol, propan-2-ol)

**14.3. Transport hazard class(es)**

- Classification :



3

**14.4. Packing group**

III

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

| ADR/RID | Class | Code | Pack gr. | Label | Ident. | LQ  | Provis. | EQ | Cat. | Tunnel |
|---------|-------|------|----------|-------|--------|-----|---------|----|------|--------|
|         | 3     | F1   | III      | 3     | 30     | 5 L | 274 601 | E1 | 3    | D/E    |

| IMDG | Class | 2°Label | Pack gr. | LQ  | EMS     | Provis. | EQ |
|------|-------|---------|----------|-----|---------|---------|----|
|      | 3     | -       | III      | 5 L | F-E,S-D | 223 274 | E1 |

| IATA | Class | 2°Label | Pack gr. | Passager | Passager | Cargo | Cargo | note       | EQ |
|------|-------|---------|----------|----------|----------|-------|-------|------------|----|
|      | 3     | -       | III      | 355      | 60 L     | 366   | 220 L | A3<br>A180 | E1 |
|      | 3     | -       | III      | Y344     | 10 L     | -     | -     | A3<br>A180 | E1 |

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.

**SECTION 15 : REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

**- Labelling for biocidal products (Regulation 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC)**

| Name    | CAS     | %           | Product-type |
|---------|---------|-------------|--------------|
| ETHANOL | 64-17-5 | 631.67 g/kg | 01           |



**PURELL® Advanced Hygienic Hand Rub - B1709**

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Product-type 1 : Human hygiene.

**15.2. Chemical safety assessment**

No data available.

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**SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Wording of the phrases mentioned in section 3 :**

|      |                                                       |
|------|-------------------------------------------------------|
| H225 | Highly flammable liquid and vapour.                   |
| H304 | May be fatal if swallowed and enters airways.         |
| H315 | Causes skin irritation.                               |
| H319 | Causes serious eye irritation.                        |
| H336 | May cause drowsiness or dizziness.                    |
| H400 | Very toxic to aquatic life.                           |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects.    |

**Abbreviations :**

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS02 : Flame

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.