



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® HAND & SURFACE ANTIMICROBIAL WIPES (FDS N° 1990)

Product code : TSB66.

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

Disinfectant wipes

1.3. Details of the supplier of the safety data sheet

Registered company name : GOJO Luxembourg SARL.

Address : 1 rue jean piret.L-2350 .Luxembourg.LUXEMBOURG.

Telephone : +33 (0)1 60 95 49 00. Fax : +33 (0)1 60 95 49 49.

firregulatoryteam@gojo.fr

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

Other emergency numbers

Ireland, Éire : Ireland National Poisons Information Centre: +353 1 8092166

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

Malta : Medicines & Poisons Info Office 2545 6508

United Kingdom : NHS 111

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 2 (Flam. Liq. 2, H225).

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.

2.2. Label elements

Biocidal mixture (see section 15).

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

Hazard pictograms :



GHS02



GHS07

Signal Word :

DANGER

Hazard statements :

H225

Highly 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.

P312

Call a POISON CENTER/doctor/... if you feel unwell.

P337 + P313

If eye irritation persists: Get medical advice/attention.

Precautionary statements - Disposal :

P501

Dispose of contents/container to a waste container

PURELL® HAND & SURFACE ANTIMICROBIAL WIPES (FDS N° 1990) - TSB66**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 fulfils 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 EC: 200-578-6 REACH: 01-2119457610-43 ETHANOL | GHS07, GHS02 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319 | [1] | 50 \leq x % < 100 |
| INDEX: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 REACH: 01-2119457558-25 PROPAN-2-OL | GHS02, GHS07 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 | [1] | 2.5 \leq x % < 10 |

(Full text of H-phrases: see section 16)

Information on ingredients :

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

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.

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 (CO₂)
- 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.

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

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

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

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.

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 ground when decanting. Wear antistatic shoes and clothing and make floors of non-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.

PURELL® HAND & SURFACE ANTIMICROBIAL WIPES (FDS N° 1990) - TSB66**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****Occupational exposure limits :**

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

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|---------|----------|-----------|--------------|------------|
| 64-17-5 | | 1000 ppm | | A3 | |
| 67-63-0 | 200 ppm | 400 ppm | | A4; BEI | |

- Germany - AGW (BAuA - TRGS 900, 08/08/2019) :

| CAS | VME : | VME : | Excess | Notes |
|---------|-------|----------------------------------|--------|-------|
| 64-17-5 | | 200 ppm 380 mg/m ³ | | 4(II) |
| 67-63-0 | | 200 ppm 500 mg/m ³ | | 2(II) |

- Belgium (Arrêté du 19/11/2020) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|------------------------------------|-----------------------------------|-----------|--------------|------------|
| 64-17-5 | 1000 ppm 1907 mg/m ³ | | | | |
| 67-63-0 | 200 ppm 500 mg/m ³ | 400 ppm 1000 mg/m ³ | | | |

- Denmark (2020) :

| Stof | TWA | VSTEL | Loftvaerdi | Anm |
|---------|------------------------------------|-------|------------|-----|
| 64-17-5 | 1000 ppm 1900 mg/m ³ | | | |
| 67-63-0 | 200 ppm 490 mg/m ³ | | | |

- France (INRS - ED984 / 2020-1546) :

| 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 |

- Finland (HTP-värden 2018) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|------------------------------------|------------------------------------|-----------|--------------|------------|
| 64-17-5 | 1000 ppm 1900 mg/m ³ | 1300 ppm 2500 mg/m ³ | | | |

- Spain (Instituto Nacional de Seguridad e Higiene en el Trabajo (INSHT), 2019) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|----------------------------------|---------------------------------|-----------|--------------|------------|
| 64-17-5 | | 1 ppm 1.91 mg/m ³ | | s | |
| 67-63-0 | 200 ppm 500 mg/m ³ | 400 ppm 1 mg/m ³ | | VLB®. s | |

- Greece (90/1999) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|-------|------------------------------------|-----------------------|--------------|------------|
| 64-17-5 | | 1000 ppm 1900 mg/m ³ | | | |
| 67-63-0 | | 400 ppm 980 mg/m ³ | 500 ppm 1225 mgm/3 | | |

- Ireland (Code of practice for the Chemical Agents Regulations, 2016) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|---------|----------|-----------|--------------|------------|
| 64-17-5 | | 1000 ppm | | | |
| 67-63-0 | 200 ppm | 400 ppm | | | |

- Latvia (Regulation No. 325/2007) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|------------------------|-----------------------|-----------|--------------|------------|
| 64-17-5 | 1000 mg/m ³ | | | | |
| 67-63-0 | 350 mg/m ³ | 600 mg/m ³ | | | |

- Lithuania (HN 23 :2001) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|-----------------------------------|------------------------------------|-----------|--------------|------------|
| 64-17-5 | 500 ppm 1000 mg/m ³ | 1000 ppm 1900 mg/m ³ | | | |

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| | | | | | |
|---------|----------------------------------|----------------------------------|--|--|--|
| 67-63-0 | 150 ppm 350 mg/m ³ | 250 ppm 600 mg/m ³ | | | |
|---------|----------------------------------|----------------------------------|--|--|--|

- Norway (Veiledning om administrative normer for forurensning i arbeidsatmosfære, 2019) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|----------------------------------|--------|-----------|--------------|------------|
| 64-17-5 | 500 ppm 950 mg/m ³ | | | | |
| 67-63-0 | 100 ppm 245 mg/m ³ | | | | |

- Netherlands / MAC-waarde (10 december 2014) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|-----------------------|------------------------|-----------|--------------|------------|
| 64-17-5 | 260 mg/m ³ | 1900 mg/m ³ | | Huid | |
| 67-63-0 | 250 ppm | - | - | - | - |

- Poland (Dz. U. z 2018 r. poz. 917, 1000 i 1076) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|------------------------|------------------------|-----------|--------------|------------|
| 64-17-5 | 1900 mg/m ³ | | | | |
| 67-63-0 | 900 mg/m ³ | 1200 mg/m ³ | | | |

- Czech Republic (Regulation No. 361/2007) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|------------------------|------------------------|-----------|--------------|------------|
| 64-17-5 | 1000 mg/m ³ | 3000 mg/m ³ | | I | |
| 67-63-0 | 500 mg/m ³ | 1000 mg/m ³ | | I | |

- Slovakia (Règlement 300/2007, 471/2011 23/11/2011) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|----------------------------------|--------------------------------------|-----------|--------------|------------|
| 64-17-5 | 500 ppm 960 mg/m ³ | 1 000 ppm 1 920 mg/m ³ | | | |
| 67-63-0 | 200 ppm 500 mg/m ³ | 400 ppm 1 000 mg/m ³ | | | |

- Slovenia (Uradni List, 04/06/2015) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|-------|------------------------------------|-----------|--------------|------------|
| 64-17-5 | | 1000 ppm 1900 mg/m ³ | | Y | |
| 67-63-0 | | 200 ppm 500 mg/m ³ | | Y. BAT | |

- Switzerland (SUVAPRO 2019) :

| CAS | VME | VLE | Valeur plafond | Notations |
|---------|----------------------------------|--|----------------|-----------|
| 64-17-5 | 500 ppm 960 mg/m ³ | 1000 mg/m ³ 1920 fc/m ³ | | |
| 67-63-0 | 200 ppm 500 mg/m ³ | 400 mg/m ³ 1000 fc/m ³ | | |

- Sweden (AFS 2018 :1) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|-----------------------------------|------------------------------------|-----------|--------------|------------|
| 64-17-5 | 500 ppm 1000 mg/m ³ | 1000 ppm 1900 mg/m ³ | | V | |
| 67-63-0 | 150 ppm 350 mg/m ³ | 250 ppm 600 mg/m ³ | | V | |

- Romania (Hotărâre 1218/2006) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|------------------------------------|------------------------------------|-----------|--------------|------------|
| 64-17-5 | 1000 ppm 1900 mg/m ³ | 5000 ppm 9500 mg/m ³ | | | |
| 67-63-0 | 81 ppm 200 mg/m ³ | 203 ppm 500 mg/m ³ | | | |

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|------------------------------------|-----------------------------------|-----------|--------------|------------|
| 64-17-5 | 1000 ppm 1920 mg/m ³ | | | | |
| 67-63-0 | 400 ppm 999 mg/m ³ | 500 ppm 1250 mg/m ³ | | | |

- Bulgare

| Identification | TWA | STEL | Ceiling | Notations |
|----------------|------------------------|------------------------|---------|-----------|
| 64-17-5 | 1000 mg/m ³ | | | |
| 67-63-0 | 980 mg/m ³ | 1225 mg/m ³ | | |

PURELL® HAND & SURFACE ANTIMICROBIAL WIPES (FDS N° 1990) - TSB66**- Estonie**

| Identification | Piirnorm | Luhiajalise kokkupuute piirnorm | Piirnormi lagi | Markused |
|----------------|-----------------------------------|------------------------------------|----------------|----------|
| 64-17-5 | 500 ppm 1000 mg/m ³ | 1000 ppm 1900 mg/m ³ | | |
| 67-63-0 | 150 ppm 350 mg/m ³ | 250 ppm 600 mg/m ³ | | |

- Hongrie (2020)

| Megnevezes | AK-ertek | CK- ertek | MK- ertek | Megjegyzesek |
|------------|------------------------|------------------------|-----------|--------------|
| 64-17-5 | 1900 mg/m ³ | 3800 mg/m ³ | | |
| 67-63-0 | 500 mg/m ³ | 1000 mg/m ³ | | b. i |

- Croatia

| Identification | TWA | STEL | Ceiling | Notations |
|----------------|------------------------------------|-----------------------------------|---------|-----------|
| 64-17-5 | 1000 ppm 1900 mg/m ³ | | | F |
| 67-63-0 | 400 ppm 999 mg/m ³ | 500 ppm 1250 mg/m ³ | | F. Xi |

8.2. Exposure controls**Personal protection measures, such as personal protective equipment**

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.

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 : 8.25 +/- 0.75.

Slightly basic.

Boiling point/boiling range : > 35°C

Flash Point : 22.10 °C.

Vapour pressure (50°C) : Not relevant.

Density : 0.854 - 0.874

Water solubility : Dilutable.

9.2. Other information

No data available.

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.

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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

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

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.

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.

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.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

PURELL® HAND & SURFACE ANTIMICROBIAL WIPES (FDS N° 1990) - TSB66**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 2019 - IMDG 2018 - ICAO/IATA 2020).

14.1. UN number

3175

14.2. UN proper shipping name

UN3175=SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60 °C

(ethanol, propan-2-ol)

14.3. Transport hazard class(es)

- Classification :



4.1

14.4. Packing group

II

14.5. Environmental hazards

-

14.6. Special precautions for user

| ADR/RID | Class | Code | Pack gr. | Label | Ident. | LQ | Provis. | EQ | Cat. | Tunnel |
|---------|-------|------|----------|-------|--------|------|-------------|----|------|--------|
| | 4.1 | F1 | II | 4.1 | 40 | 1 kg | 216 274 601 | E2 | 2 | E |

| IMDG | Class | 2°Label | Pack gr. | LQ | EMS | Provis. | EQ | Stowage Handling | Segregation |
|------|-------|---------|----------|------|----------|---------|----|------------------|-------------|
| | 4.1 | - | II | 1 kg | F-A, S-I | 216 274 | E2 | Category B | - |

| IATA | Class | 2°Label | Pack gr. | Passager | Passager | Cargo | Cargo | note | EQ |
|------|-------|---------|----------|----------|----------|-------|-------|------|----|
| | 4.1 | - | II | 445 | 15 kg | 448 | 50 kg | A46 | E2 |
| | 4.1 | - | II | Y441 | 5 kg | - | - | A46 | E2 |

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. 2020/1182 (ATP 15)

- Container information:

No data available.

- Particular provisions :

No data available.

- Labelling for biocidal products (Regulation (UE) n° 528/2012) :

| Name | CAS | % | Product-type |
|---------|---------|-------------|----------------|
| ETHANOL | 64-17-5 | 660.10 g/kg | 01 02 04 |

Product-type 1 : Human hygiene.

Product-type 2 : Disinfectants and algaeccides not intended for direct application to humans or animals.

Product-type 4 : Food and feed area.

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. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |

Abbreviations :

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

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.