

MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006



ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: ECOPOL HAND SANITIZER.

Internal ID: Cosmetic hydro-alcoholic gel for hand cleaning.

REACH Number: There is not an available registration number for this substance, since the substance or its use is exempt from registration according to Article 2 REACH Regulation (EC) no. 1907/2006, the annual tonnage does not require a registration number or the registration is envisaged for a later date.

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

Identified uses: Cosmetics.

1.3. Details of the supplier of the safety data sheet

Ecopol Tech, S.L.
Parc Empresarial El Foix, Industria 7.
43720 L'Arboç, Tarragona (SPAIN) +34977167539
info@ecopoltech.com
www.ecopoltech.com

1.4. Emergency telephone number

+34 977167539 (8.30 am – 6.00 pm Mon-Thu) (8 am – 3.00 pm Fri).

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Cosmetic hydro-alcoholic gel for hand cleaning.

Classification in accordance with Regulation (EC) No 1272/2008.

MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006



ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

2.2. Label elements

Hazard pictograms



Signal word: **Danger**

Hazard identifications (H statements):

H225 Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

Safety advices (P statements):

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P403 + P235 Store in a well-ventilated place. Keep cool.

2.3 Other hazards

Not available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Cosmetic hydro-alcoholic gel for hand cleaning.

INCI name: ISOPROPYL ALCOHOL, PURIFIED WATER, GLYCEROL, LAVANDULA HYBRIDA OIL, HYDROXYPROPYLMETHYLCELLULOSE, HYDROGEN PEROXIDE.

MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006








ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

Name	Composition (%)	CAS	Pictograms	Classification
Isopropyl Alcohol	50 – 75 %	67-63-0	 	Flam. liq 2: H225 Eye Irrit. 2: H319 STOT SE 3: H336
Lavandula Hybrida Oil	< 1%	8022-15-9 / 91722-69-9	 	Eye Irrit. 2: H319 Skin Sens 1B: H317 Asp. Tox. 1: H304- Aquatic Chronic 3: H412
Hydrogen Peroxide	< 1%	7722-84-1		Ox. Liq. 1: H271 Acute Tox. 4: H302, H332 Skin Corr. 1A: H314 Eye Dam.1: H318 STOT SE 3: H335 Aquatic Chronic 3: H412

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.

Additional information: For the wording of H statements refer to section 16.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

General indications

Causes serious eye irritation.

In case of inhalation

Vapor harmful. Remove to fresh air; give artificial respiration if breathing has stopped. Get medical advice/attention if you feel unwell.

In case of skin contact

If skin irritation occurs: Get medical advice/attention.

MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006



ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

In case of eye contact

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. If eye irritation persists: Get medical advice/attention.

In case of ingestion

Do not induce vomiting unless to do so by medical personnel. Get medical attention.

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

Irritation eyes, nose, throat; drowsiness, dizziness, headache; dry cracking skin; in animals: narcosis.

4.3 Indication of any immediate medical attention and special treatment needed

In case of accident or if you feel unwell, consult a doctor immediately and show him the data sheet and the safety data sheet.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Dry chemical, carbon dioxide, alcohol foam. Use water spray to cool fire-exposed containers and disperse vapors.

Unsuitable extinguishing media

Do not use a direct water jet for extinguishing. In the presence of electrical voltage, it is not acceptable to use water or foam as an extinguishing medium.

5.2. Special hazards arising from the substance or mixture

OSHA classified Flammable Liquid. Vapors are flammable.

5.3. Advice for firefighters

Special protective equipment for firefighters

Fire fighters should use self-contained breathing apparatus and protective clothing.

Specific extinguishing methods

MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006



ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

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.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Wash with soap and water. Change contaminated clothing. Ensure proper ventilation.

For emergency responders

Avoid contact with skin, eyes and clothing. Use appropriate protective measures. Ensure adequate ventilation. If dust, aerosols or mists have formed, wear safety mask. Spillage makes floor and material slippery.

6.2. Environmental precautions

Do not allow contact with drains or other waterways. Keep away from sources of ignition.

6.3. Methods and material for containment and cleaning up

Use barriers to prevent spreading. Collect spill in container. Call waste authorities.

6.4. Reference to other sections

For disposal, see section 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Do not breathe vapors. Do not eat, drink or smoke when using this product. Keep away from heat, sparks, open flames, hot surfaces. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006



ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

Hygiene measures

The product must be manipulated under inert gas conditions. The product must be protected from the light exposure. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. For precautions see section 2.2.

7.2. Conditions for safe storage, including any incompatibilities

Store locked up. Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

Except for the indications already specified, no special recommendation is required regarding the uses of this product.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Threshold limit value (TLV) for isopropyl alcohol:
ACGIH recommends a TWA of 400 ppm (980 mg/m³) and a STEL of 500 ppm (1225 mg/m³).

8.2. Exposure controls

Engineering measures

Use in a well ventilated area to prevent exposure. Maintain eyewash fountain and quick-drench facilities in work areas.

Respiratory equipment

No special protective measures normally required.

Hand protection

No special protective measures normally required.

Eye protection

No special protective measures normally required.

Other Protection

No special protective measures normally required.

MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006



ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Fluid gel
Colour	Transparent
Odour	Characteristic alcoholic/floral
Odour Threshold	No data available
Melting point (°C)/Freezing point (°C)	No data available
Boiling point	83 °C
Flammability	No data available
Lower explosion limit/Lower flammability limit	No data available
Upper explosion limit/Upper flammability limit	No data available
Flash point (°C)	18°C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Viscosity (dynamic, mPa · s)	No data available
Viscosity (kinematic) (mm²/s)	No data available
Solid content (%)	No data available
Solubility (water solubility)	No data available
Partition coefficient n-octanol/water (log value)	No data available
Vapour pressure	No data available
Density	No data available
Relative Density	No data available
Relative Vapour Density	No data available

MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006



ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

Particle characteristics

Not applicable

9.2. Other information

No data available.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2 Chemical stability

Stable under specification conditions.

10.3. Possibility of hazardous reactions

Not occur at normal conditions of temperature and pH established.

10.4. Conditions to avoid

Heat, open flame.

10.5 Incompatible materials

Strong oxidizers, acetaldehyde, chlorine, ethylene oxide, acids, isocyanates.

10.6. Hazardous decomposition products

Thermal-oxidation degradation can produce oxides of carbon. Toxic gases and vapors (I.e. Carbon monoxide) may be released in a fire.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

Inconclusive data for classification.

Skin corrosion/irritation:

Inconclusive data for classification.

MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006



ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

Serious eye damage/irritation:

Inconclusive data for classification.

Respiratory sensitization:

Inconclusive data for classification.

Germ cell mutagenicity:

Inconclusive data for classification.

Carcinogenicity:

IARH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity:

Not specified.

STOT-single exposure:

Not specified.

STOT-related exposure:

Not specified.

Aspiration hazard:

Not specified.

11.2 Information on other hazards

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12. ECOLOGICAL INFORMATION

MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006



ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

12.1 Toxicity

No data are available on toxicity.

12.2 Persistence and degradability

No data are available on degradability.

12.3 Bioaccumulation potential

No data are available on bioaccumulation.

12.4 Mobility in soil

Prevent surface contamination of soil, ground and surface water.

12.5 PBT and vPvB assessment results

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other side effects

Assessment: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006



ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

Avoid disposing to drainage systems and into the environment. Seek expert advice.

13.1. Waste treatment methods

Product

Follow the regional waste legislation.

Contaminated packaging

Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number

ADN: UN1219.

ADR: UN1219.

RID: UN1219.

IMDG: UN1219.

ICAO TI: UN1219.

14.2. United Nations official designation of transport

ADN: Flammable liquid (contains isopropanol)

ADR: Flammable liquid (contains isopropanol)

RID: Flammable liquid (contains isopropanol)

IMDG: Flammable liquid (contains isopropanol)

ICAO TI: Flammable liquid (contains isopropanol)

14.3. Transport hazard class(es)

ADN: 3.

ADR: 3.

RID: 3.

IMDG: 3.

ICAO TI: 3.



MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006



ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

14.4. Packing group

ADN: II.

ADR: II.

RID: II .

IMDG: II.

ICAO TI: II.

14.5. Environmental Hazard

ADN: Not applicable.

ADR: Not applicable.

RID: Not applicable..

IMDG: Not applicable.

ICAO TI: Not applicable.

14.6. Particular precautions for users

Not applicable.

14.7. Transport in bulk under Annex II to the MARPOL Convention and IBC Code

Not applicable.

SECTION 15. REGULATORY INFORMATION

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

No data available.

15.2. Chemical Safety Assessment

No data available.

MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006



ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

SECTION 16. OTHER INFORMATION

Changes to the previous safety sheet affecting risk management measures

According to Commission Regulation (EU) 2020/878.

Abbreviations and acronyms

Skin Irrit.: skin irritation.

Eye Dam.: eye damage.

Eye Irrit.: eye irritation.

DL50: lethal dose 50.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

INCI: International Nomenclature of Cosmetic Ingredients.

ADR: Agreement on Dangerous Goods by Road.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals.

ID: identification.

PBT: persistent, bioaccumulative and toxic.

vPvB: very persistent and very bioaccumulative.

TRGS: Technical Rules for Hazardous Substances.

TRGS 510: The storage class TRGS 510 refers to the storage of hazardous substances in portable containers.

ABEK: An ABEK filter absorbs dangerous gases and vapours, enabling the user to breathe safely.

NIOSH: National Institute for Occupational Safety and Health, NIOSH.

CEN: European Committee for Standardization.

EN: European standards.

EC: European conformity.

LD50: Lethal Dose 50%.

IARC: International Agency for Research on Cancer.

ACGIH: American Conference of Governmental Industrial Hygienists.

NTP: National Toxicology Program.

OSHA: The Occupational Safety and Health Administration.

STOT: Specific target organ toxicity.

RTECS: Registry of Toxic Effects of Chemical Substances.

ADN: European agreement concerning the international carriage of dangerous goods by inland waterways.

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

IMDG: International Maritime Dangerous Goods Code.

ICAO: International Civil Aviation Organization.

MATERIAL SAFETY DATA SHEET

In agreement with the Regulation (CE) No. 1907/2006



ECOPOL HAND SANITIZER

Version: 3

Creation date: 30/03/2020

Revision date: 15/09/2023

ICAO TI: technical instructions for the safe transport of dangerous goods by air.

IMO: International Maritime Organisation.

EU: European Union.

UN: united nations organisation.

US: United States.

Main bibliographic sources

<http://echa.europa.eu>

Hazard identifications (H statements)

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters respiratory tract.

H412: Harmful to aquatic life with long lasting effects.

H317: May cause an allergic skin reaction.

H336: May cause drowsiness or dizziness.

H271: May cause damage to organs.

H332: Harmful if inhaled.

H314: Causes severe skin burns and eye damage

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

Training Tips

Minimum training in the prevention of occupational risks is recommended for the personnel who will handle this product, in order to facilitate the comprehension and interpretation of this safety data sheet, as well as the labelling of the product.

Disclaimer

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.