



Version: 2.0

Created: 30/03/2020
Updated: 30/04/2020

SAFETY SHEET ECOPOL HAND SANITIZER

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

1.1. Product identifier:

ECOPOL HAND SANITIZER

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

Cosmetic hydro-alcoholic gel for hand cleaning
CPNP Registry: 3330383

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

Ecopol Tech SL
Parc Empresarial El Foix,
C/Industria, 7
43720 L'Arboç.
(Tarragona)
Phone/Fax: + 34 977 167 539
e-mail: info@ecopoltech.com

1.4. Emergency phone:

+34 977 167 539
Mon -Thu - 7 am - 6 pm
Fri - 7 am - 3 pm

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to (CE) 1272/2008 (UE-GHS/CLP)

Flammable liquid. Category 2 (H225)
Ocular irritation. Category 2 (H319)

Go to section 16 for a full explanation of abbreviated H hazards

2.2. Label elements

Danger pictograms



Word of warning : DANGER



Indications of danger:

- Highly flammable liquid and vapours (H225)
- Causes severe eye irritation (H319)

Cautionary advice:

- Keep away from heat sources, sparks, open flame or surfaces hot - no smoking (P210)
- Keep container tightly closed (P233)
- IN CASE OF EYE CONTACT: Rinse carefully with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
- If eye irritation persists: Consult a physician (P337+P313)
- Store in a well ventilated place. Keep in a cool place. (P403+P235)

Dispose of contents or container in accordance with local regulations. (P501)

2.3. Other hazards

Under normal conditions of commercial or industrial use, it presents no significant risk to human health or the environment.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

3.1 Chemical Description

Composition INCI:

Isopropyl alcohol, purified water, glycerol, lavandula hybrida oil, hydroxypropylmethylcellulose, hydrogen peroxide

3.2 Hazardous substances

Ingredients	CAS	(CE) 1272/2008	%
Isopropyl Alcohol	67-63-0	Flam. liq 2: H225 Irrit. ocular 2: H319 STOT SE 3: H336	50 - 75 %
Glycerol	56-81-5	-	1 - 5 %
Lavandula Hybrida Oil	8022-15-9 / 91722-69-9	-	< 1 %
Hydroxypropylmethylcellulose	9004-65-3	-	< 1 %
Hydrogen Peroxide	7722-84-1	-	< 1 %

SECTION 4: FIRST AID MEASURES

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.

Skin Contact: If skin irritation occurs: Get medical advice/attention.

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

Ingestion: Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

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

Recommendations for immediate medical care/special treatment: Get medical advice/attention if you feel unwell.

SECTION 5: FIRE-FIGHTING MEASURES

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

Fire Hazards (Chemical): OSHA classified Flammable Liquid. Vapors are flammable.

Special Protective Equipment: Fire fighters should use self-contained breathing apparatus and protective clothing.

Precautions for Firefighters: Fire fighters should use self-contained breathing apparatus and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Evacuate the area of all unnecessary personnel. Wear suitable protective equipment. Eliminate all sources of ignition and provide ventilation.

Protective Equipment: See section 8

Environmental Precautions: Prevent release to the environment by using barriers.

Containment and Clean-Up Procedures: Use barriers to prevent spreading. Collect spill in container. Call waste authorities.

SECTION 7: HANDLING AND STORAGE

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.

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure controls

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).

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

Personal Protective Measures: No special protective measures normally required.

Special PPE Requirements: No special protective equipment normally required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fluid gel

Color: N.D./N.A.

Odour: Characteristic alcoholic/floral

Olfactory threshold: N.D./N.A.

pH: N.D./N.A.

Melting point: N.D./N.A.

Boiling point/boiling range: 83 °C

Flash point: 18 °C

Evaporation rate: N.D./N.A.

Flammability (solid, gas): N.D./N.A.

Lower explosion limit: N.D./N.A.

Upper explosion limit: N.D./N.A.

Vapour pressure: N.D./N.A.

Vapour density: N.D./N.A.

Relative density: N.D./N.A.

Solubility: N.D./N.A.

Liposolubility: N.D./N.A.

Water solubility: N.D./N.A.

Partition coefficient (n-octanol/water): N.D./N.A.

Auto-ignition temperature: N.D./N.A.

Decomposition temperature: N.D./N.A.

Viscosity: N.D./N.A.

Explosive properties: N.D./N.A.

Oxidising properties: N.D./N.A.

N.D./N.A. = Not Available/Not Applicable due to the nature of the product

SECTION 10: ESTABILIDAD Y REACTIVIDAD

Reactivity:

Chemical Stability: Stable

Conditions of Stability/Instability: Instable under heat

Stabilizers needed: None

Safety issue indicated by appearance change: N/A

Other: N/A

Hazardous Reactions: N/A

Hazardous Polymerization: Does not occur

Conditions to avoid: Heat, open flame.

Classes of Incompatible Materials: Strong oxidizers, acetaldehyde, chlorine, ethylene oxide, acids, isocyanates

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

1.1. Information on toxicological effects

No tested product data available.

Repeated or prolonged contact with the product may cause the removal of fat from the skin, leading to non-allergic contact dermatitis and absorption of the product through the skin.

Eye splashes may cause irritation and reversible damage.

(a) acute toxicity;

Inconclusive data for classification.

(b) corrosion or skin irritation;

Data not conclusive for classification.

(c) severe eye injury or eye irritation;

Inconclusive data for classification.

(d) respiratory or skin sensitisation;

Inconclusive data for classification.

(e) germ cell mutagenicity;

Inconclusive data for classification.

(f) Carcinogenicity;

Inconclusive data for classification.

(g) reproductive toxicity;

Inconclusive data for classification.

(h) specific organ toxicity (STOT) - single exposure;

Inconclusive data for classification.

(i) specific organ toxicity (STOT) - repeated exposure;

Inconclusive data for classification.

(j) aspiration hazard;

Inconclusive data for classification.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: no data available

Persistence and degradability: no data available

Bioaccumulation Potential (octanol-water partition coefficient, BCF): no data available



Mobility in the soil: no data available

SECTION 13: CONSIDERACIONES RELATIVAS A LA ELIMINACIÓN

13.1. Métodos para el tratamiento de residuos.

No se permite su vertido en alcantarillas o cursos de agua. Los residuos y envases vacíos deben manipularse y eliminarse de acuerdo con las legislaciones local/nacional vigentes.

Seguir las disposiciones de la Directiva 2008/98/CE respecto a la gestión de residuos.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number:

UN1219

14.2. United Nations official designation of transport

Flammable liquid (contains isopropanol)

14.3. Transport hazard class(es)

Class 3

14.4. Packing group:

Packing group II

14.5. Environmental hazards

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

ADR/RID classification (road/rail):

- UN NO.: 1219
- Class: 3
- Classification code: F1
- Packaging group: II
- Label: 3 (Flammable)
- Risk 30

Sea (IMDG/IMO)

Label 3 (flammable)
IMDG class: 3
Packing group: II

Air (IATA/ICAO):

UN 1219 - Flammable liquid
Label: Flammable liquid



Class 3
Special provision A3
GE III

Passenger Aircraft: Packing Instruction 309/Y309
Maximum net quantity 60L/10L

Cargo Aircraft: Packing Instruction 310
Maximum net quantity 220L

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations and legislation specific environment for the mixture

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, 453/2010 and 830/2015.

European Legislation: Regulation (EC) 1272/2008

15.2. Chemical safety assessment: not required

The health and safety information on the label of this product, is in accordance with European Union regulations.

SECTION 16: OTHER INFORMATION

Full text of the hazard statements referred to in sections 2 and 3:

H225: highly flammable liquid and vapours

H319: Causes severe eye irritation

H336: May cause drowsiness or dizziness

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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.