



## SAFETY DATA SHEET

### ECO-WIPE DUO

#### SECTION 1. PRODUCT IDENTIFICATION

Product name	: ECO-WIPE DUO
Other means of identification	: Not applicable
Recommended use	: Sanitizer - Food contact surface
Restrictions on use	: Reserved for industrial and professional use.
Product dilution information	: Product is sold ready to use.
Company	: Manufactured or Distributed in Costa Rica by: ECOLAB S.R.L, Zona Franca BES, El Coyol 5 Km al Oeste Aeropuerto Juan Santamaría, Alajuela, Costa Rica, Código Postal: Apdo109-4003.
	Product Distributed in Honduras by: QUIMICAS ECOLAB, S.A. DE C.V., bodega No.8 en el Boulevar del este a 30 mts de la caseta de peaje, San Pedro Sula, Honduras
	Product Distributed in Panama by: ECOLAB ALBROOK COMERCIAL PARK, L. D14, CALLE RUBEN DARIO, CURUNDU, PANAMÁ
	Product Distributed in El Salvador by: ECOLAB, S.A. de C.V. 12 Calle Poniente y 23 Avenida Sur #700 San Salvador, El Salvador Colonia Cucumayan.
	Product Distributed in Guatemala by: ECOLAB S.A. ECOLAB 42 CALLE 23-00 ZONA 12, BODEGA 8
	Product Distributed in Nicaragua by: ECOLAB C.C.R.L . ECOLAB KM. 16.7 CARRETERA A TICUANTEPE, 200 MTS A COMUNIDAD SAN PEDRO, TICUANTEPE. - MANAGUA, NICARAGUA
Emergency telephone	: Costa Rica: For medical emergency information, call 911 and (506) 2436-3900 in Costa Rica. National Center of Intoxication in Costa Rica: (506) 2223-1028 El Salvador: National Center of Intoxication in EL SALVADOR TEL. (503) 22319262 Guatemala: TOXICOLOGICAL INFORMATION CENTER OF GUATEMALA CIAT (502) 2230 0807 Nicaragua: National Center of Intoxication in NICARAGUA Nº Tel (505) 2897150 Honduras: TOXICOLOGICAL INFORMATION CENTER (CENTOX) 2216-5166 AND 2216-5167. Panama: SYSTEM OF EMERGENCY MANAGEMENT OF THE REPUBLIC OF PANAMA (SUME) - TEL. 911
Issuing date	: 07.08.2025

#### SECTION 2. HAZARD OR HAZARDS IDENTIFICATION

##### GHS Classification

Short-term (acute) aquatic hazard, Category 3

H402

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### GHS label elements

Hazard Statements	:	H402	Harmful to aquatic life.
Precautionary Statements	:	<b>Prevention:</b> P273 <b>Disposal:</b> P501	Avoid release to the environment. Dispose of contents/ container to an approved waste disposal plant.
Other hazards	:	None known.	

## SECTION 3. COMPOSITION / INFORMATION OF HAZARDOUS INGREDIENTS

Pure substance/mixture : Mixture

<b>Chemical name</b>	<b>CAS-No.</b>	<b>Concentration (%)</b>
Isopropanol	67-63-0	10 - 30

## SECTION 4. FIRST AID MEASURES

In case of eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
In case of skin contact	: Wash off immediately with plenty of water for at least 15 minutes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
If swallowed	: Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.
If inhaled	: Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.
Protection of first-aiders	: If potential for exposure exists refer to Section 8 for specific personal protective equipment.
Notes to physician	: Treat symptomatically.
Most important symptoms and effects, both acute and delayed	: See Section 11 for more detailed information on health effects and symptoms.

### Potential Health Effects

Eyes	: Causes serious eye damage.
Skin	: Causes severe skin burns.
Ingestion	: Causes digestive tract burns.
Inhalation	: May cause nose, throat, and lung irritation.
Chronic Exposure	: Health injuries are not known or expected under normal use.

## SECTION 5. FIRE-FIGHTING MEASURES

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Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

Specific hazards during fire fighting : Fire Hazard  
Keep away from heat and sources of ignition.  
Flash back possible over considerable distance.

Hazardous combustion products : Decomposition products may include the following materials:  
Carbon oxides  
Nitrogen oxides (NOx)  
Sulfur oxides  
Oxides of phosphorus

Special protective equipment for fire-fighters : Use personal protective equipment.

Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

## SECTION 6. MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL SPILLAGE

Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation. Remove all sources of ignition. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed.

Environmental precautions : Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up : Sweep up and shovel into suitable containers for disposal.

## SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. Keep away from fire, sparks and heated surfaces. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Wash hands thoroughly after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE).

Conditions for safe storage : Keep away from heat and sources of ignition. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

Storage temperature : 0 °C to 50 °C

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Ingredients with workplace control parameters

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Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Isopropanol	67-63-0	TWA	200 ppm	CR OEL
		STEL	400 ppm	CR OEL
Isopropanol	67-63-0	CPT	400 ppm 960 mg/m <sup>3</sup>	PA OEL
		CCT	500 ppm 1.225 mg/m <sup>3</sup>	PA OEL
Isopropanol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		STEL	500 ppm 1.225 mg/m <sup>3</sup>	NIOSH REL
		TWA	400 ppm 980 mg/m <sup>3</sup>	NIOSH REL
		TWA	400 ppm 980 mg/m <sup>3</sup>	OSHA Z1

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

### Personal protective equipment

- Eye protection : Safety goggles  
Face-shield
- Hand protection : Wear the following personal protective equipment:  
Standard glove type.  
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
- Skin protection : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing
- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State : solid
- Color : clear, colorless
- Odor : alcohol-like
- pH : 9,0 - 12,0
- Flash point : 35 °C
- Odor Threshold : No data available
- Melting point/freezing point : No data available
- Initial boiling point and boiling range : No data available

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Evaporation rate	: No data available
Flammability (solid, gas)	: Not applicable
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapor pressure	: No data available
Relative vapor density	: No data available
Relative density	: 0,9816
Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Autoignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Molecular weight	: No data available
VOC	: No data available

## SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: None known.
Hazardous decomposition products	: In the event of fire, see Section 5

## SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Eye contact, Skin contact

### Experience with human exposure

Eye contact	: Redness, Pain, Corrosion
Skin contact	: Redness, Pain, Corrosion
Ingestion	: Corrosion, Abdominal pain
Inhalation	: Respiratory irritation, Cough

### Toxicity

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### Product

Acute oral toxicity	: Acute toxicity estimate : > 5.000 mg/kg
Acute inhalation toxicity	: 4 h Acute toxicity estimate : > 40 mg/l Test atmosphere: vapor
Acute dermal toxicity	: No data available
Skin corrosion/irritation	: No data available
Serious eye damage/eye irritation	: No eye irritation
Respiratory or skin sensitization	: No data available
Carcinogenicity	: No data available
Reproductive effects	: No data available
Germ cell mutagenicity	: No data available
Teratogenicity	: No data available
STOT-single exposure	: No data available
STOT-repeated exposure	: No data available
Aspiration toxicity	: No data available

### Components

Acute dermal toxicity	: Isopropanol LD50 Rabbit: 12.870 mg/kg
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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Environmental Effects	: Harmful to aquatic life.
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### Product

Toxicity to fish	: No data available
Toxicity to daphnia and other aquatic invertebrates	: No data available
Toxicity to algae	: No data available

### Components

Toxicity to fish	: Isopropanol 96 h LC50 Fish: 9.640 mg/l
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### Components

Toxicity to daphnia and other aquatic invertebrates	: Isopropanol 24 h EC50 Daphnia magna (Water flea): 9.714 mg/l
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### Persistence and degradability

Readily biodegradable.

### Bioaccumulative potential

No data available

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### Mobility in soil

No data available

### Other adverse effects

No data available

## SECTION 13. INFORMATION REGARDING THE DISPOSAL OF PRODUCTS

- |                         |  |
|-------------------------|--|
| Disposal methods        | : Avoid that the product entering in the body of water, drains, pipes, or the earth (grounds). Where possible, recycling is preferable to disposal or incineration in accordance with local legislation. If you can't recycle, dispose according to local regulations. Elimination of waste in approved waste disposal plants. |
| Disposal considerations | : Dispose of in accordance with local, state, and federal regulations. Remove as unused products. Empty containers should be brought to local recycling or waste disposal according to local legislation. Do not reuse empty containers.   |

## SECTION 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

### Land transport

Not dangerous goods

### Air transport (IATA)

Contact Regulatory for air freight eligibility

### Sea transport (IMDG/IMO)

Not dangerous goods

## SECTION 15. REGULATORY INFORMATION

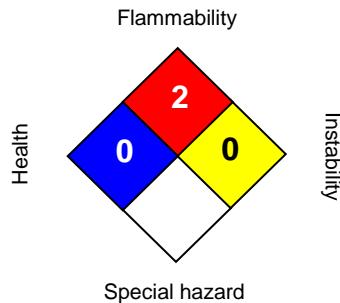
Our Safety Data Sheet (SDS) complies with Decree n ° 40705-S

## SECTION 16. OTHER INFORMATION

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### NFPA:



### HMIS® IV:

HEALTH	0
FLAMMABILITY	2
PHYSICAL HAZARD	0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

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Version : 1.1

Prepared by : Regulatory Affairs

**REVISED INFORMATION:** Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.