

SAFETY DATA SHEET

DATE: 17/9/2024

I. IDENTIFICATION

Supplied by/Manufacturer: **SURQUIMICA S.A.**
Calle 38, contiguo al cementerio La Uruca
San José, Costa Rica, Centro América

Tel Information: (506) 2211-3800
Fax: (506) 2257-2028

Emergency telephone: **CHEMTREC: 1-800-424-9300 (USA)**
703-527-3887

SURQUIMICA S.A.: (506) 2211-3911

Product name: **Liquid Sanitizer Solution**

Kind: cleaner

Brand: NIT

Code: 539-33810-900

II. CLASSIFICATION

Class

Class 3	Flammable liquids	Flammable liquid
Class 9	Miscellaneous	Mild to moderate irritants

III. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>No CAS</u>	<u>% P/P</u>
Isopropyl alcohol	67-63-0	38-42
Ethyl Alcohol	64-17-5	38-42

IV. HEALTH RISK

General Emergency Summary: Flammable Liquid: Flammable liquid and vapors. Causes serious eye irritation. May cause drowsiness or dizziness.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Dermal Contact: Not expected to cause skin problems under normal conditions of use. It can cause skin irritation in predisposed people.

Inhalation: This product does not present a hazard when inhaled.

Eye Contact: Not expected to cause eye problems under normal conditions of use. Direct contact with eyes may cause irritation.

Carcinogenicity: None special.

Mutagenicity: None special.

Teratogenicity: None special.

Neurotoxicity: None special.

Reproductive System: None are special.

Others: None are special.

White Organ: None are special.

Primary routes of entry: Skin contact, Inhalation, Ingestion, Eye contact.

V. FIRST AID MEASURES

Ingestion: Nothing should ever be given by mouth to an unconscious person. Wash your mouth with water and then drink plenty of water.

Inhalation: Move to fresh air. In case of respiratory distress, give oxygen.

Dermal contact: Wash immediately with soap and plenty of water.

Eye contact If material gets into eyes, flush immediately with water for 15 minutes. Consult a doctor.

VI. FIRE AND EXPLOSION HAZARDS

Flashpoint (°C): non-flammable

Flammability limits % volume: LIE: N.D.; LSE: N.D.

Recommended extinguishing agents: Carbon dioxide, Chemical powder, Fog

Explosion and fire hazards: Special precautions are not required. No special protective measures against fire are required. The product does not burn or spread flame.

Firefighting procedure: In case of fire, protect yourself with self-contained breathing apparatus. Evacuate personnel to safe zones.

Hazardous combustion products: Carbon oxide and nitrogen oxide

VII. ACCIDENTAL RELEASE MEASURES

In case of spill or leak: Form a dam to prevent entry into any sewer or waterway. Transfer the liquid to a holding container.

Waste disposal: Do not throw waste down the drain. If it cannot be recycled, dispose of it according to local regulations.

VIII. HANDLING AND STORAGE

Storage temperature: Store at a temperature between 20-30 °C

Handling instructions: Keep out of reach of children. No special handling advice required. Handle with appropriate industrial hygiene precautions and follow safety practices. Do not allow product to enter sewage system.

Storage: Store in a dry place. Keep container tightly closed.

IX. PERSONAL PROTECTION

Ventilation: Provide adequate ventilation.

Respiratory Protection: Respiratory personal protective equipment is not normally required.

Skin protection: Use disposable PVC gloves to avoid direct contact with the skin

Eye protection: Use protective glasses with side shields to avoid possible product splashes.

The placement of a safety shower and eyewash station in the work area should be evaluated by an Occupational Health specialist.

X. PHYSICAL AND CHEMICAL PROPERTIES

Color: colorless	Density (g/mL): 0.88
Appearance: liquid	pH: 7
Odor: alcohol-like	Flashpoint (°C): 13
Vapor density (air = 1.0): > 1.0	V.O.C. (g/L): N.A
Water solubility: soluble	

XI. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use.

Risk of dangerous polymerization: No.

Incompatibility: avoid oxidizing agents, acids and bases

Thermal decomposition products: Thermal decomposition may release irritating gases and vapors.

XII. TOXICOLOGICAL INFORMATION

There is no data for the product as such, the criteria issued are according to the data reported by the manufacturers of the raw materials.

<u>Hazardous components</u>	CAS No	Oral LD50 mg/kg
Isopropyl alcohol	67-63-0	5045
Ehtyl alcohol	64-17-5	>2000

Oral DL50 (mixt): >5000 mg/kg

XIII. ECOLOGICAL INFORMATION

There are no eco-toxic studies on the final product. Because there is no data on how it can act on the ecology, it is recommended to avoid entering surface and/or groundwater.

XIV. DISPOSAL INFORMATION

Disposition: Do not throw waste down the storm sewer. If it cannot be recycled, dispose of it according to local regulations.

XV. TRANSPORT INFORMATION

Shipping name: flammable liquid

UN number: 1993

Class: 3

Packing group: III

XVI. REGULATORY INFORMATION

National regulation: No Information.

Other regulations: No Information.

XVII. OTHER INFORMATION

Products included in this safety data sheet (identified by their code): 33810-900

HMIS (Hazardous Material Information System)

Health: 1 - Mild
Flammability: 3 – flammable
Reactivity: 0 – No danger
Personal protection: B

NFPA (National Fire Protection Association)

Health: 1 - Mild
Flammability: 3 – flammable
Reactivity: 0 – No danger
Personal protection: __N/A

The HMIS and NFPA values imply interpretations of the data, which may vary from company to company, and are intended to allow quick and general identification of the magnitude of the specific hazard. In order to handle this product safely, all the information contained in this safety data sheet must be taken into account.

Note: The recipient should try to have this safety data sheet sent to any transporter or eventual user of our product. The information offered in this safety data sheet is based on data provided by our suppliers and data determined in our plant, even though we have considered to be reliable with the information, the product is sold to be used for a defined purpose. SURQUIMICA S.A. assumes no responsibility to the purchaser of this product or to any second or third person for damages caused by its use.