

## SAFETY DATA SHEET

ISSUE DATE: 6/9/2023

### 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:** NIT LIMPIADOR DE ALGAS Y HONGOS

**Code:** 539-33305-600

**Kind:** Liquid cleaner

**Brand:** NIT

### II. CLASSIFICATION

**Class**

Class 3	Flamable and combustible liquids	Flamable liquid
Class 9	Miscellaneous	Mild to moderate irritants

### III. COMPOSITION/INFORMATION ON INGREDIENTS

<b><u>Hazardous components</u></b>	<b><u>No CAS</u></b>	<b><u>% P/P</u></b>	<b><u>TLV/ppm</u></b>
Isopropyl Alcohol	67-63-0	2.5-10	400
C10-C16 alkyl dimethyl benzyl ammonium chloride	68424-85-1	1-2.5	-
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	1-2.5	-
Ethanol	64-17-5	0.1-1	-
Glutaraldehyde	111-30-8	0.1-1	-

### IV. HEALTH RISK

**General emergency summary:** Flammable liquid. It can cause allergies in the respiratory tract or on the skin.

**Ingestion:** Not expected to cause problems under normal conditions of use.

**Dermal contact:** May cause an allergic skin reaction. May cause skin irritation in predisposed people.

**Inhalation:** May cause allergy symptoms. May cause asthma or breathing difficulties if inhalation.

**Eye Contact:** May cause irritation if it comes into contact with the eyes.

**Primary routes of entry:** Skin contact, Inhalation.

## V. FIRST AID MEASURES

**Ingestion:** If swallowed, DO NOT induce vomiting. Never give anything to an unconscious person. Rinse your mouth with water. Consult a doctor.

**Inhalation:** Apply artificial respiration if victim is not breathing. Keep the victim calm and sheltered. Ensure that medical personnel are aware of the materials involved, and Take precautions to protect yourselves. Give oxygen if breathing is difficult. move to the victim where they can breathe fresh air.

**Dermal contact:** Consult a doctor. In case of contact with the substance, rinse immediately with running water and soap for at least 20 minutes. Remove and isolate contaminated clothing and footwear. in case of burns, immediately cool the affected skin as long as you can with cold water. Consult a doctor Do not remove clothing that is stuck to the skin. Consult a doctor.

**Eye contact:** Immediately flush eyes with running water for at least 20 minutes. Consult to a doctor.

## VI. FIRE AND EXPLOSION HAZARDS

**Flashpoint (°C):** 47 **Method:** N.D.

**Flammable limits in % volume:** LEL: N.D LSE: N.D

**Recommended extinguishing agents:** Carbon dioxide, Chemical dust, Fog

**Explosion and Fire Hazards:** Flammable liquid. Vapors may form a flammable mixture with the air. Vapors can spread along surfaces to a distant ignition source and become inflamed.

**Firefighting procedure:** In case of fire, protect yourself with self-contained breathing apparatus. In case of fire, cool the tanks with water spray.

**Dangerous combustion products:** Carbon monoxide and dioxide

## VII. ACCIDENTAL RELEASE MEASURES

**In case of spill or leak:** Dispose of the material in accordance with all federal, state and and local. Form a dam to prevent entry into any sewer or waterway. Transfer the liquid to a holding container. Keep people away from the escape zone and in the opposite direction to the wind. Adsorption on inert material (e.g. sand, diatomite, acid binder, universal binder, sawdust)

**Waste disposal:** Do not dispose of waste into surface water or storm sewer system. If recycling is not possible, dispose of in accordance with local regulations.

## VIII. HANDLING AND STORAGE

**Storage temperature:** Store at temperatures not higher than 30°C

**Handling instructions:** Keep out of reach of children. No advice required special handling.

**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 nitrile or PVC gloves.

**Eye protection:** If there is a risk of splashing, the use of protective glasses with side shields is recommended.

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

<b>Color:</b> N.D.	<b>Density, lowest value depending on color, (g/mL):</b> 0398
<b>Appearance:</b> liquid	<b>Density, highest value depending on color, (g/mL):</b> N.D
<b>Odor:</b> Characteristic	<b>pH:</b> 6-8
<b>% Volatiles (p/p):</b> N.D	<b>Flashpoint ( ° C ):</b> 47
<b>Vapor density (air = 1.0):</b> N.D	<b>V.O.C. (g/L):</b> N.D.
<b>Water solubility:</b> Soluble	

## XI. STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage and handling conditions.

**Hazardous Polymerization Hazard:** Polymerization will not occur.

**Incompatibility:** Avoid oxidizing agents, acids and bases.

**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>	<u>No CAS</u>	<u>Oral LD50 (mg/kg)</u>
Isopropyl Alcohol	67-63-0	5045
C10-C16 alkyl dimethyl benzyl ammonium	68424-85-1	240
Methanol	67-56-1	1187
Glutaraldehyde	111-30-8	134

Oral LD50 (mix): 5000 mg/kg

## XIII. ECOLOGICAL INFORMATION

There are no eco-toxic studies on the final product. Because there is no data how can you act on the ecology, it is recommended to avoid entering surface and/or groundwater. No expect ecological damage under normal use.

#### XIV. DISPOSAL INFORMATION

**Disposal:** Do not discharge into surface water or sanitary sewage system. If it cannot be recycled, dispose of it according to local regulations.

#### XV. TRANSPORT INFORMATION

**Shipping name:** Flamable 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):** 539-33305-600

**HMIS (Hazardous Material Information System)**

**Health:** 1 – Minumum  
**Flammability:** 3 – Flammable  
**Reactivity:** 0 – No danger  
**Personal protection:** G

**NFPA (National Fire Protection Association)**

**Health:** 1 – Minumum  
**Flammability:** 3 – Flammable  
**Reactivity:** 0 – No danger  
**Special:** : \_Snfpa\_

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