

SAFETY DATA SHEET

ISSUE DATE: 20/3/2023

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: LIMPIADOR PARA VIDRIOS

Code: 539-33950-500

Kind: Liqui Cleaner

Brand: NIT

II. CLASSIFICATION

Class

Class 9 Miscellaneous Mild to moderate irritants

III. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>No CAS</u>	<u>% P/P</u>	<u>TLV/ppm</u>
Isopropanol	67-63-0	2.5-10	400
Diethylene glycol mono-n-butyl ether	112-34-5	10-20	N.D.

IV. HEALTH RISK

General Emergency Summary: May cause eye and skin irritation in sensitive people. No risks requiring special first aid measures.

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

Dermal Contact: Not expected to cause skin problems under normal conditions of use.

Inhalation: Produces irritation

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

Primary routes of entry: Skin contact, Ingestion, Inhalation, 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 the affected person to fresh air. Seek medical attention.

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): N.D. **Method:** N.D.

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

Recommended extinguishing agents: Carbon Dioxide, Fog, foam

Explosion and Fire Hazards: No special precautions required. No measures are required special protection against fire The product does not burn or spread flame.

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 Oxides

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 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 20-30°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

Color:	Various colors	Density (g/mL):	0.99
Appearance:	Liquid	pH:	N.D.
Odor:	Soft and pleasant	Flashpoint (° C):	N.D.
% Volatiles (p/p):	98	V.O.C. (g/L):	N.D.
Vapor density (air = 1.0):	>1.0		
Water solubility:	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>
Isopropanol	67-63-0	5045
Diethylene glycol mono-n-butyl ether	112-34-5	7291

Oral LD50 (mix): > 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

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: Not regulated

UN number: -

Class: -

Packing group: -

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): 539-33950-500

HMIS (Hazardous Material Information System)

Health: 1 – Minimum

Flammability: 0 –Non Flammable

Reactivity: 0 – No danger

Personal protection: B

NFPA (National Fire Protection Association)

Health: 1 – Minimum

Flammability: 0 –Non 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.