

SAFETY DATA SHEET

DATE: 30/9/2024

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: NIT INTENSACLEAN EXPERT GLASS CLEANER

Code: 539-33955-500

Kind: Liquid cleaner

Brand: NIT

II. CLASSIFICATION

Class

Class 3 Flammable and combustible liquids 3.1 Flammable liquids

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	5-10	400
Diethylene glycol mono-n-butyl ether	112-34-5	1-5	-

IV. HEALTH RISK

General emergency summary: Highly flammable. May cause eye and skin irritation 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. 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. Direct contact with eyes may cause irritation.

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

V. FIRST AID MEASURES

Ingestion: Never give anything to an unconscious person. Rinse your mouth with water. Consult a doctor.

Inhalation: 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.

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

VI. FIRE AND EXPLOSION HAZARDS

Flashpoint (°C): 17 **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: 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 between 20-30°C

Handling instructions: Keep out of reach of children. Residue may remain dangerous in the empty container. Do not reuse empty containers without commercial cleaning or reconditioning. Take precautions against electrostatic discharge. Keep away from open flames, hot surfaces and ignition sources. Manipulate with appropriate industrial hygiene precautions, and respect safety practices..

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: blue

Appearance: Liquid

Odor: alcohol

% Volatiles (p/p): 100

Vapor density (air = 1.0): > 1.0

Water solubility: Soluble

Density, lowest value by color (g/mL): 0.99

Density, highest value by color (g/mL): 0.99

pH: N.D

Flashpoint (° C): 17

V.O.C. (g/L): N.D.

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

Acute toxicity in aquatic invertebrates:

OECD Protocol 202: "Daphnia sp., Acute immobilization test":

EC50 (48 hours): >1000 mg/L. It is not considered a toxic compound for the aquatic environment.

Toxicity in microorganisms:

OECD Protocol 209: "Activated Sludge, Respiration Inhibition Test":

IC50: 41500 mg/L

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: 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): 539-33955-500

HMIS (Hazardous Material Information System)

Health: 1 – Minimum
Flammability: 2 –Some Flammable
Reactivity: 0 – No danger
Personal protection: G

NFPA (National Fire Protection Association)

Health: 1 – Minimum
Flammability: 2 –Some 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