

## SAFETY DATA SHEET

DATE: 16/09/2024

### 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: **DESOXIDANTE/DESENGRASANTE**

Code: **539-00305-900**

Kind: **Degreaser**

Brand: **NIT**

### II. CLASSIFICATION

**Class**

Class 8 Corrosive

Causes severe skin burns and eye damage.

### 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>
Phosforic acid inhibited	7664-38-2	15-20	-
Diethylene Glycol Monobutyl Ether	112-34-5	5-10	-

### IV. HEALTH RISK

**General Emergency Summary:** Causes severe skin burns and eye damage.

**Ingestion:** Causes burns to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea. Extremely high oral doses may cause gastrointestinal burns. In cases of severe ingestion, calcium deficiency in the blood may occur.

**Dermal contact:** Causes skin irritation. Symptoms include redness, itching and pain.

**Inhalation:** Causes irritation of the respiratory tract with symptoms such as cough, shortness of breath.

**Eye Contact:** Causes severe irritation by direct contact with the eyes.

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

## V. FIRST AID MEASURES

**Ingestion:** Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

**Inhalation:** If inhaled, remove to fresh air. If the person is not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Dermal contact:** Wash skin immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical attention. Wash clothing before reuse. Clean shoes completely before wearing them again.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting the upper and lower eyelids occasionally. Seek medical attention immediately.

## VI. FIRE AND EXPLOSION HAZARDS

**Flashpoint (°C):** Non flammable **Method:** N.D.

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

**Recommended extinguishing agents:** 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. In case of fire, cool the tanks with water spray.

**Hazardous combustion products:** Carbon oxides and nitrogen oxides.

## VII. ACCIDENTAL RELEASE MEASURES

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

**Waste Disposal:** Do not dispose of waste into surface water or storm sewer system. If it cannot be recycled, dispose of it according to local regulations.

## VIII. HANDLING AND STORAGE

**Storage temperature:** Store between 20-30 °C

**Handling instructions:** No special handling advice required. Handle with appropriate industrial hygiene precautions and follow safety practices. Do not allow the product to enter the sewage system without prior treatment.

**Storage:** Store in a dry, cool, well-ventilated place. Keep container tightly closed when not in use.

## IX. PERSONAL PROTECTION

**Ventilation:** Provide adequate ventilation.

**Respiratory Protection:** If used in conditions where exposure to mist is apparent, and engineering controls are not feasible, an acid respirator may be used.

**Skin Protection:** Waterproof protective clothing, gloves, apron or coveralls are recommended to avoid skin contact.

**Eye protection:** The use of protective glasses with side covers is recommended to avoid possible splashing of the product.

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

**Appearance:** Liquid

**Odor:** Characteristic smell

**% Volatiles (p/p):** 84

**Vapor density (air = 1.0):** >1.0

**Water solubility:** Soluble

**Density, lowest value depending on color, (g/mL):** 1.07

**pH:** N.D

**Flashpoint ( ° C ):** N.D

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

## XI. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions

**Risk of dangerous polymerization:** No

**Incompatibility:** avoid contact with bases and alkaline compounds

**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><b>Hazardous compound</b></u>	<u><b>No CAS</b></u>	<u><b>Oral LD50</b></u>
Sodium hydroxide	1310-73-2	4090 mg/kg
2-(tricycloxy)ethyl dihydrogen phosphate	9046-01-9	2000 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:** Corrosive liquid n.o.s (phosphoric acid)

**UN number:** 1760

**Class:** 8

**Packing group:** III

## XVI. REGULATORY INFORMATION

**National regulation:** No Information.

**Other regulations:** No Information.

## XVI. OTRA INFORMACION

**Products included in this safety data sheet (identified by their code):** 00305-900

**HMIS** (Hazardous Material Information System)

**Health:** 2 – Moderate

**Flammability:** 1 – mild

**Reactivity:** 0 – No danger

**Personal protection:** B

**NFPA** (National Fire Protection Association)

**Health:** 3 – Moderate

**Flammability:** 0 – 1 mild

**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.