

SAFETY DATA SHEET

ISSUE DATE: 13/9/2024

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: ALKANIT FORTE 49

Code: 539-33340-900

Kind: Cleaner

Brand: NIT

II. CLASSIFICATION

Class

Class 8 Corrosives

Prouces severe irritation or burns

III. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Sodium hidroxide

No CAS

1310-73-2

% P/P

40-50

TLV/ppm

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IV. HEALTH RISK

General Emergency Summary: Causes severe eye irritation. Causes skin and tract irritation respiratory.

Ingestion: Causes irritation of the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea. Extremely high oral doses may cause gastrointestinal burns.

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: 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. 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 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): Non Flamable **Method:** N.D.

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

Recommended extinguishing agents: Fog

Explosion and Fire Hazards: Is not consider a flammable product

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 and nitrogen 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. 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: If it is to be used in conditions where exposure to mist is apparent, and not Engineering controls are feasible, an acid respirator may be used.

Skin protection: Impervious protective clothing, gloves, apron or coveralls are recommended for avoid contact with skin.

Eye Protection: The use of protective glasses with side shields is recommended to avoid possible product splash.

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: Whitish	Density(g/mL): 1.36
Appearance: Liquid	pH: 13.5-14
Odor: None	Flashpoint (° C): N.D.
% Volatiles (p/p): N.D.	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.

XIII. ECOLOGICAL INFORMATION

There are no eco-toxic studies on the final product. Because there is no data on how the product can 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: Corrosive liquid

UN number: 1760

Class: 8

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): 539-33340-900

HMIS (Hazardous Material Information System)

Health: 2 – Moderate
Flammability: 0 – non Flammable
Reactivity: 0 – No danger
Personal protection: C

NFPA (National Fire Protection Association)

Health: 2 – Moderate
Flammability: 0 – Non 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