

Product name: Sanistar Friend 21%

Date prepared : June 15, 2017

Date revised : Dec. 31, 2024

Revision No. : 3

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name Sanistar Friend 21%

Manufacturer Goodmaid Chemicals Corporation Sdn Bhd
Lot 27B, Lorong Bunga Tanjung 3/1,
Senawang Industrial Park, 70400,
Seremban, Negeri Sembilan.
Tel. No. : 06-6771337/6771327
Fax No. : 06-6771329

2. HAZARDS IDENTIFICATION

GHS Classification

Health Hazards

Skin corrosion/irritation

Category 1

Serious eye damage/eye irritation

Category 1

GHS label elements

Pictograms



Signal words

Danger

Hazard statements

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

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Precautionary statement

- Do not breathe dust/fume/gas/mist/ vapours /spray.
- Wash hand thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Wash contaminated clothing before reuse.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Immediately call a POISON CENTER or doctor/physician.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Proportion</u>
Hydrochloric acid	7647-01-0	21.0% - 23.0%

4. FIRST AID MEASURES

Inhalation

Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Skin contact

Remove immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Ingestion

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Dry chemical powder, Carbon dioxide spray

Instructions

Product itself is non-combustible. If fire does occur because of the surrounding environment, use above-mentioned media.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution, protective equipment and emergency procedures

Wear protective equipment such as protective goggle and rubber gloves if needed.

Environmental precautions

For small spills, wash away the material with large amounts of water.

For large spills, recover as much liquid as possible and collect it in an empty covered container.

Wash away left materials with large amounts of water.

7. HANDLING AND STORAGE

Handling

Use in a well-ventilated room.

Keep away from fire.

Use only specified containers when transferring the product. Clearly indicate the product name, directions for use, warnings and precautions.

May be caused spatter of the product when opening the cap. When transferring the container, close the cap tightly. Looseness may cause spatter of the product. Skin contact and/or eye contact may be caused.

Storage

Conditions for safe storage

- Store it in a sealed container at a cool area away from direct sunlight.
- Keep out of the reach of children.
- Avoid falling or spillage

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Appropriate engineering control

Not known

Management concentrations

A concentration value for managing the material has not been set.

Control Parameter

A control parameter has not been set.

Personal protection

Respiratory Protection

Required when vapors/ aerosols are generated. Wear appropriate mask.

Eye Protection

Required. Chemical goggles or face shield.

Chemical type goggles should be worn with side shield.

Hand Protection

Required. Chemical resistant gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless
Hydrochloric Acid Content	21.0 – 23.0%
Odor	Pungent
pH (10% solution) (26°C)	≤ 1.5

10. STABILITY AND REACTIVITY

Reactivity

Reacts violently with strong alkaline substances.

Chemical Stability

Material is stable under normal conditions.

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Conditions to be avoided

Heating. Contact with incompatible materials.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

No data available

Skin corrosion/irritation

Causes severe skin burns and eye damage

Mixture pH is less than 2.

Serious eye damage/eye irritation

Causes serious eye damage

Mixture pH is less than 2.

Respiratory sensitization

Not classified

Skin sensitization

Not classified

Germ Cell Mutagenicity

Not classified

Carcinogenicity

Not classified

Reproductive toxicity

Not classified

Specific target organ/systemic toxicity following single exposure

Not classified

Specific target organs/systemic toxicity following repeated exposure

Not classified

Aspiration hazard

Not classified

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12. ECOLOGICAL INFORMATION

Ecotoxicity

Not known

Persistence and degradability

Not known

Bioaccumulative potential

Not known

Mobility in soil

Not known

13. DISPOSAL CONSIDERATIONS

See section 7, Handling and storage

International regulations

Disposal should be done in accordance with local, state, and national laws.

Waste for residues

Burn it a little at a time in an incinerator or dispose with a large quantity of water.
Entrust disposal of product to an industrial waste disposal contractor.

Used container

Disposal should be done in accordance with local, state, and national laws.

14. TRANSPORT INFORMATION

See section 7, Handling and storage

UN regulations

UN classification

HYDROCHLORIC ACID (Class 8, Packing Group II)

UN number

UN 1789

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15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.

ICOP (INDUSTRY CODE OF PRACTICE) on Chemicals Classification and Hazard Communication 2014

Classified as Poison in Part II in the First Schedule of Poison Act 1952 of Malaysia Regulations.

16. OTHER INFORMATION

Date of preparation: 15.06.2017

Date of revision: 31.12.2024

Reference material:

- ECHA European Chemicals Agency
- PubChem Open Chemistry Database

Disclaimer

Any of the above information may be changed without prior notice.

This document is complete and thorough to the best of our knowledge.

Note that information is provided in order to use the product safely, not to guarantee the safety of the product.

Use the product properly according to its specifications.

As with all chemicals, at the present time there are some unknown facts about the chemicals contained in this product and thus, the product should be handled with care. It is the responsibility of each individual user to set the conditions in which the product can be safely used.