

SARAYA

SARAYA CO., LTD.
SAFETY DATA SHEET

Product name: Automatic Dishwasher Detergent D-2

Date prepared : Aug. 27 ,2015

Date revised : Dec. 21, 2021

Revision No. : 3

1. IDENTIFICATION OF HAZARDOUS CHEMICAL AND OF THE SUPPLIER

Product name Automatic Dishwasher Detergent D-2

Manufacturer Goodmaid Chemicals Corporation Sdn. Bhd.

Lot 27B Lorong Bunga Tanjung 3/1,
 Senawang Industrial Park, 70400 Seremban,
 Negeri Sembilan.

Telephone Number:

06-6771337 / 6771327

Emergency Telephone Number :

Dial 999, Bomba 994

(Please refer to the local emergency contact)

2. HAZARDS IDENTIFICATION

GHS Classification

Health Hazards

Skin corrosion or irritation

Category 1A

Serious eye damage or eye irritation

Category 1

Label elements

Hazard pictograms :



Signal word : Danger

Hazard Statements

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

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Precautionary Statements

- Do not breathe fume/mist/ vapours.
- 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.
- IF IN EYES: 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.
- Store locked up.
- Dispose of contents/container in accordance with local regulation.

3. COMPOSITION AND INFORMATION OF THE INGREDIENTS OF THE HAZARDOUS CHEMICAL

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Proportion</u>
Potassium Hydroxide	1310-58-3	5 - 10%
Tetrasodium Ethylenediamine	64-02-8	1 – 3%
Tetraacetate		
Sodium Hydroxide	1310-73-2	5 – 10%

4. FIRST-AID MEASURES

Skin contact

Wash off the product with plenty of water.

Eye contact

Immediately flush eyes with clean running water.

Ingestion

Drink plenty of water.

Inhalation

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Remove to fresh air. Obtain medical assistance if discomfort persist.

5. FIRE FIGHTING MEASURES

Suitable extinguish 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

Wear protective equipment as needed

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state	Clear, Yellowish Liquid
Odor	Odourless
pH (1% solution), 26°C	11.5 - 13.5
Flash Point	174°C
Specific gravity (26°C)	1.17 ± 0.015

10. STABILITY AND REACTIVITY

Chemical stability

Stable at room temperature.

Possibility of hazardous reactions

Not known

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11. TOXICOLOGICAL INFORMATION

Acute toxicity

Acute toxicity estimate (calculation method):

LD₅₀ Oral = 2730 mg/kg ; more than 2000 mg/kgLC₅₀ Inhalation = Not classifiedLD₅₀ Dermal = Not classified

Skin corrosion/irritation

Causes severe skin burns and eye damage

Generic concentration limit of ingredients classified as category 1A is more than 5%.

Serious eye damage/eye irritation

Causes serious eye damage

Generic concentration limit of ingredients classified as category 1 is more than 3%.

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

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Not classified

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Not classified

Persistence and degradability

Not known

Bioaccumulative potential

Not known

Mobility in soil

Not known

13. DISPOSAL INFORMATION

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**

Corrosive substances (Class 8 , Packing group III)

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UN number

UN 1760

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

16. OTHER INFORMATION

Date of preparation : 27.08.2015

Date of revision : 21.12.2021

Reference material:

- ECHA European Chemicals Agency
- PubChem Open Chemistry Database

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief accurate as the date indicated.

The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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