

Product name: Smart San A S-4**Date prepared :** Jun. 29, 2017**Date revised :** Jan. 22, 2025**Revision No :** 6

1. IDENTIFICATION OF THE HAZARDOUS CHEMICAL AND OF THE SUPPLIER

Product name Smart San A S-4

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

Physical Hazard

Flammable liquids

Category 3

Label elements

Hazard pictograms :**Signal word** : Warning

Hazard Statements

H226 Flammable liquid and vapour

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- Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- In case of fire: Use dry chemical or carbon dioxide (CO₂) spray for extinction.
- Store in a well-ventilated place. Keep container tightly closed.
- 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>Composition</u>
Denatured Alcohol	64-17-5	45 to 55%

4. FIRST-AID MEASURES**Skin contact**

In case of skin irritation, wash away the product with water.

Eye contact

Immediately flush eyes with clean running water for at least 15 minutes.

Ingestion

Rinse mouth with water and drink plenty of water to dilute the concentration. If symptoms persist, seek medical attention.

Inhalation

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

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5. FIRE-FIGHTING MEASURES

Suitable extinguish media

Dry chemical powder, Carbon dioxide spray

Specific hazards in case of fire

Do not use a little amount of water. It may spread fire.

Instruction

For fires in the initial stages, extinguish by spraying with copious amounts of water.

Otherwise, extinguish with above-mentioned media.

For large fire, extinguish by spraying with copious amounts of water or use foam to shutoff air.

Special protective equipment for firefighters

: Fire proof and heat resistant protective equipment

: Mask.

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.

Prevention of second disaster

: Spilled material is volatile and has permeating properties. Immediately remove possible ignition sources from the surrounding area

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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

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 personal protective equipment such as protective goggle and rubber gloves.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state

Liquid

Color

Clear, Colorless

Odor

Raw material odor

pH

3.5 – 4.5

Flash point

25.5°C

Specific gravity (15°C)

0.916 – 0.922

10. STABILITY AND REACTIVITY

Chemical stability

Stable at room temperature

Possibility of hazardous reactions

Not known

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Acute toxicity estimate (calculation method):

LD₅₀ (oral) = 12 894 mg/kg ; more than 2000 mg/kg.LC₅₀ (inhalation) = 40 mg/L ; more than 20 mg/LLD₅₀ (dermal) = No Data Available

Skin corrosion/irritation

No Data Available

Serious eye damage/eye irritation

No Data Available

Respiratory sensitization/skin sensitization

No Data Available

Mutagenicity

No Data Available

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No Data Available

Reproductive toxicity

No Data Available

Specific target organ/systemic toxicity following single exposure

No Data Available

Specific target organs/systemic toxicity following repeated exposure

No Data Available

Aspiration hazard

No Data Available

Teratogenicity

No Data Available

Metabolism

No Data Available

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No Data Available

Persistence and degradability

No Data Available

Bioaccumulative potential

No Data Available

Mobility in soil

No Data Available

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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. TRANSPORTATION INFORMATION

See section 7, Handling and storage

UN regulations

UN classification

Ethanol solution (Class 3, Packing group III)

UN number

UN 1170

Take necessary measures to prevent spillage, leakage, outflow and seepage.

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

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16. OTHER INFORMATION

Date of preparation : 29.06.2017**Date of revision : 22.01.2025**

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.

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