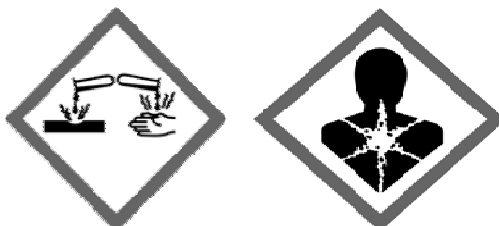


SARAYASARAYA CO., LTD.
SAFETY DATA SHEET**Product name:** Acecide Reagent 2**Preparation Date** : Apr. 18, 2022**Revision Date** : Mar. 26, 2024**Review Date** : -**Revision No.** : 3

[555-2]

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Product name** Acecide Reagent 2**Supplier** SARAYA CO., LTD.
2-2-8 Yuzato, Higashisumiyoshi-ku,
Osaka, JAPAN 546-0013
Tel. No. : 06-6797-2525
Fax No. : 06-6797-2290**Recommended use of the product and restrictions on use****Recommended use** For chemical sterilization, inactivation and disinfection of medical instruments.**Restrictions on use** Use in combination with Acecide Reagent 1 (main agent).
Use the product only for the recommended purposes.**2. HAZARDS IDENTIFICATION****GHS Classification****Health Hazards**

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Reproductive toxicity	Category 2
Specific target organ/systemic toxicity following single exposure	Category 2 (Blood)
Specific target organ/systemic toxicity following repeated exposure	Category 2 (Blood)

GHS label elements**Pictograms****Signal words**
Danger

SARAYASARAYA CO., LTD.
SAFETY DATA SHEET**Product name:** Acecide Reagent 2**Preparation Date** : Apr. 18, 2022**Revision Date** : Mar. 26, 2024**Review Date** : -**Revision No.** : 3**[555-2]****Hazard statements**

Causes severe skin burns and eye damage.

Suspected of damaging fertility or the unborn child.

May cause damage to blood.

May cause damage to blood through prolonged or repeated exposure.

Precautionary statements

[Prevention]

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not breathe mist or vapors.

Wash hands and face thoroughly after handling.

Wear protective gloves, protective clothing, eye protection and face protection.

[Response]

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water or shower.

Immediately call a doctor.

Wash contaminated clothing before reuse.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing. Immediately call a doctor.

If exposed or concerned: Get medical advice. Specific treatment.

[Storage]

Store locked up.

[Disposal]

Disposal of contents or container should be done in accordance with local, regional, national and international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS**Substance/Preparation** Preparation**Components**

Chemical name	CAS No.	Concentration (%w/w)
TETRASODIUM ETIDRONATE	3794-83-0	-
POTASSIUM NITRATE	7757-79-1	<8
CITRIC ACID	5949-29-1	-
TRISODIUM PHOSPHATE	7601-54-9	-

SARAYA

SARAYA CO., LTD.
SAFETY DATA SHEET

Product name: Acecide Reagent 2

Preparation Date : Apr. 18, 2022

Revision Date : Mar. 26, 2024

Review Date : -

Revision No. : 3

[555-2]

4. FIRST AID MEASURES

Inhalation

Immediately evacuate the patient to a well-ventilated area and allow the patient to rest.

In severe cases, seek medical attention.

Skin contact

Wash off the product with water. If irritation is felt, seek medical attention.

Eye contact

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing. Seek medical attention.

Ingestion

Rinse mouth. Do NOT induce vomiting. Seek medical attention

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Powder, carbon dioxide gas, or foam.

Unsuitable extinguishing media

Not known

Instruction

For fires in the initial stages, extinguish by spraying with copious amounts of water. Otherwise, extinguish with above-mentioned extinguishing media.

For large fires, extinguish by spraying with copious amounts of water or use foam to eliminate oxygen.

Special protective equipment for firefighters

Fire proof and heat resistant protective equipment, mask, etc.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution, protective equipment and emergency procedures

Wear protective equipment such as eye protection and rubber gloves. Avoid skin contact and inhalation.

Environmental precautions

For small spills, absorb the product with absorbent material such as sand, soil, sawdust, or rag, and then collect it in an empty container.

SARAYA

SARAYA CO., LTD. SAFETY DATA SHEET

Product name: Acecide Reagent 2

Preparation Date : Apr. 18, 2022

Revision Date : Mar. 26, 2024

Review Date : -

Revision No. : 3

[555-2]

For large spills, prevent spill entering sewers or waterways, and then collect it in a container. Wash away material that could not be recovered using large amounts of water. Do not discharge into the aquatic environment.

Methods and material for containment and cleaning up

Not known

7. HANDLING AND STORAGE

Handling

Technical measures

As the product is a supersaturated solution, crystals may form in the liquid. If crystallization occurs, warm the product in a water bath to redissolve the crystals before use.

Precautions for safe handling

Use the product only for the intended purposes.

Do not apply the product directly onto skin.

Do not transfer the product to other containers.

Use the product only for dedicated equipment.

Avoidance of Contact

Not known

Hygiene measures

Not known

Storage

Conditions for safe storage

Store at the temperature of 1°C - 25°C in the light-shielded area.

Compatible materials for storage container

Use only dedicated container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameter

A control parameter has not been set.

Appropriate engineering control

Handle the product in a well-ventilated area away from ignition sources.

Personal protection

Wear protective equipment, such as eye protection, mask, protective gloves, protective clothing.

SARAYA

SARAYA CO., LTD.
SAFETY DATA SHEET

Product name: Acecide Reagent 2

Preparation Date : Apr. 18, 2022

Revision Date : Mar. 26, 2024

Review Date : -

Revision No. : 3

[555-2]

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Clear, Colorless to pale yellow
Odor	Faint characteristic odor
Boiling point or initial boiling point and boiling range	Not known
Flammability	Not known
Lower and upper explosion limit /flammability limit	Not known
Flash point	Not known
Auto-ignition temperature	Not known
Decomposition temperature	Not known
pH	8.7-9.7
Kinematic viscosity	Not known
Vapor pressure	Not known
Density and/or relative density	Approx. 1.111 (15°C: reference value)
Relative vapor density	Not known
Particle characteristics	Not known

10. STABILITY AND REACTIVITY

Reactivity

Not known

Chemical stability

Stable under normal handling conditions.

Possibility of hazardous reactions

Not known

Conditions to avoid

Avoid high temperature.

Incompatible materials

Not known

Hazardous decomposition products

Not known

SARAYA

SARAYA CO., LTD.
SAFETY DATA SHEET

Product name: Acecide Reagent 2

Preparation Date : Apr. 18, 2022

Revision Date : Mar. 26, 2024

Review Date : -

Revision No. : 3

[555-2]

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Classification not possible

Skin corrosion/irritation

Category 1 (causes severe skin burns and eye damage)

Serious eye damage/eye irritation

Category 1 (causes serious eye damage)

Respiratory sensitization/skin sensitization

Classification not possible

Germ cell mutagenicity

Classification not possible

Carcinogenicity

Classification not possible

Reproductive toxicity

Category 2 (suspected of damaging fertility or the unborn child)

Specific target organ/systemic toxicity following single exposure

Category 2 (may cause damage to blood)

Specific target organs/systemic toxicity following repeated exposure

Category 2 (may cause damage to blood through prolonged or repeated exposure)

Aspiration hazard

Classification not possible

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not known

Persistence and degradability

Not known

Bioaccumulative potential

Not known

Mobility in soil

Not known

Hazardous to the ozone layer

Classification not possible

SARAYASARAYA CO., LTD.
SAFETY DATA SHEET**Product name:** Acecide Reagent 2**Preparation Date** : Apr. 18, 2022**Revision Date** : Mar. 26, 2024**Review Date** : -**Revision No.** : 3

[555-2]

13. DISPOSAL CONSIDERATIONS**Information on safe handling for disposal and methods of disposal, including any contaminated packaging**

See section 7, Handling and storage.

International regulations

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

Waste residues

Entrust disposal of product to an industrial waste disposal contractor.

Used container

Wash the container with water first. 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**

Not applicable

UN number

Not applicable

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

15. REGULATORY INFORMATION**International regulations**

It is the responsibility of the user to know and comply with all relevant rules, regulations and laws in the local, state, national and international level relating to the product being used.

Japanese regulations**Enforcement Order of the Industrial Safety and Health Act**

Not applicable notifiable substances.

Japanese Pollutant Release and Transfer Register (PRTR)

Not applicable

Poisonous and Deleterious Substances Control Act

Not applicable

PMD Act (The Amended Pharmaceutical Affairs Law)

Prescription drugs

SARAYA

SARAYA CO., LTD.
SAFETY DATA SHEET

Product name: Acecide Reagent 2

Preparation Date : Apr. 18, 2022

Revision Date : Mar. 26, 2024

Review Date : -

Revision No. : 3

[555-2]

16. OTHER INFORMATION

Reference material

GHS Mixture Classification and Labels Creation System (NITE-Gmiccs)

This SDS is compliance with JIS Z 7253:2019.

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.

Precautions are intended for normal handling, but in the case of special handling, please implement it after taking new safety measures suitable for the application and usage.

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.