

Safety Data Sheet

1. Chemical product and Company Information

Name of chemical : DISMIC
25CS020AS, 25CS020AN, 25CS020AN5JS, 25CS020AN10JS
25CS045AS, 25CS045AN, 25CS045AN5JS, 25CS045AN10JS
25CS080AS, 25CS080AN, 25CS080AN5JS, 25CS080AN10JS

Supplier's name, address and phone number

Company : Toyo Roshi Kaisha, Ltd.
Address : Hibiya-kokusai BLDG 5F, 2-2-3
Uchisaiwaicho, Chiyoda-ku,
Tokyo, 100-0011 Japan

Section in charge : Quality Assurance Division
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Mail address : trk-hinsho@advantec.co.jp

Recommended application : Liquid microfiltration, Sterile Filtration.

Use restrictions : • Cannot be used for liquids without chemical resistance.
• During filtration of organic solvents, there is a case where antistatic measures are required.
• It can be used for analytical purposes, but not for medical purposes.
• Autoclave sterilization is not applicable.

2. Hazard Summary

GHS classification of chemicals

Physical hazard : Not classified.
Human health hazard : Not classified.
Environmental hazard : Not classified.
GHS Label element : None.

3. Composition and Information on ingredients

Chemical substance/Mixtures : Mixtures
Chemical name or general name : Disposable Membrane Filter Unit
Ingredients and Concentration or concentration range
: Cellulose-Acetate (CAS No.9004-35-7)
(Filter)
Styrene-acrylonitrile resin
(CAS No.9003-54-7)
(Housing)

Reference Number in Gazetted List in Japan

Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture etc.
: (8)-165 Cellulose Acetate
(6)-126 Styrene-acrylonitrile resin
Japan's Industrial Safety and Health Act
: Not applicable.

4. First Aid Measures

Inhalation	: Not applicable.
Skin contact	: Not applicable.
Eye contact	: Not applicable.
Ingestion	: Not applicable.

5. Fire Fighting Measures

Appropriate extinguishing media	: Plenty of water (spray), powder fire extinguishant, foam fire extinguishant, carbon dioxide extinguishant and so on.
Unacceptable extinguishing media	: No data available.

6. Accidental Release Measures

Personal precautions, Protective equipment and emergency procedures	: No data available.
Precautions for environment	: No data available.
Containment and purification procedures and equipment	: No data available.

7. Handling and Storage

Handling	: No data available.
Storage	: Avoid direct sunlight, ultraviolet light, moisture, high and low temperatures,high humidity, open-air storage, strong acids and strong bases.

8. Exposure controls / Personal protection

Acceptable concentration	
Japan Society for Occupational Health	: No data available.
ACGIH	: No data available.
Facility provision	: Take as needed.
Protective equipment	: Use appropriate protective tools if necessary.

9. Physical and Chemical Properties

Physical state	: Solid, A small circular filter and a housing are integrated.
Color	: Housing : Transparent, Filter : White
Odour	: None.
Melting point /Freezing point	: No data available.
Boiling point or initial boiling point and Boiling range	: No data available.
Flammability	: Yes.
Lower limit and Upper limit of explosion/ Flammable limit	: Not applicable.
Flash point	: Not applicable.
Spontaneous ignition point	: Not applicable.
Decomposition temperature	: Not applicable.
pH	: No data available.
Kinematic viscosity	: Not applicable.
Solubility	: Insoluble in water.
n-octanol / water partition coefficient	: No data available.
Steam pressure	: No data available.
Density or relative density	: No data available.
Relative gas density	: Not applicable.
Particle characteristics	: No data available.

10. Stability and Reactivity

Reactivity	: Stable under normal handling conditions.
Chemical stability	: Stable under normal handling conditions.
Possibility of hazardous reactions	: No data available.
Conditions to avoid	: Direct sunlight, ultraviolet light, water spillage, high temperature, high humidity, outdoor storage.
Incompatible materials	: Oxidant.
Hazardous decomposition products	: Carbon monoxide and carbon dioxide.

11. Toxicological Information

Acute toxicity(Oral)	: Not applicable to this classification (as an ingredient) Not applicable Rat LD ₅₀ >5,000mg/kg (Cellulose Acetate)
Skin corrosion/ Irritation	: Cannot classify due to lack of data.
Serious eye damage and eye irritation	: Cannot classify due to lack of data.
Respiratory/ Skin sensitization	: Cannot classify due to lack of data.
Germ cell mutagenicity	: Cannot classify due to lack of data.
Carcinogenicity	: Cannot classify due to lack of data.
Reproductive toxicity	: Cannot classify due to lack of data.
Specific target organ toxicity (Single exposure)	: Cannot classify due to lack of data.
Specific target organ toxicity (Repeated exposure)	: Cannot classify due to lack of data.
Aspiration hazard	: Cannot classify due to lack of data.

12. Ecological Information

Ecotoxicity	
Hazardous to the aquatic environment (acute)	: Cannot classify due to lack of data.
Hazardous to the aquatic environment (chronic)	: Cannot classify due to lack of data.
Persistence and degradability	: No data available.
Bioaccumulative potential	: No data available.
Mobility in soil	: No data available.
Ozone layer hazard	: Cannot classify due to lack of data.

13. Disposal Considerations

Dispose in accordance with federal, state and local regulations.
 Just like disposal of general industrial waste, ask for industrial waste disposer accepted by prefectural governors or for a local public agency for disposal.
 When incinerating the material, use the specific incineration facility. Take appropriate procedure that satisfies Clean Air Act, Waste Disposal and Public Cleaning Law, and Clean Water Law. (We recommend disposing the material as industrial waste).

14. Transport Information

Regulatory information and local regulations: Fire Defense Low under flammable objects

15. Regulatory Information

Fire Defense Law

Article 9-4 (Standard for storage and handling of hazardous material with less than specified amount), Article 1-12 on regulations of hazardous materials, and Group 4 specific flammable materials (synthetic

resin. If a total amount is 3,000 kg, follow Fire Defense Law. If a total amount is less than 3,000 kg, follow the regulations defined by municipal ordinance for storage and handling of the material).

(Stylene-acrylonitrile resin)

Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture etc.

Existing chemical substances (8)-165 (Cellulose Acetate)

Existing chemical substances (6)- 126 (Stylene-acrylonitrile resin)

16. Other information

Handling of written contents

Contents of this data sheet are based on materials, information, and data acquirable at this point and are subject to revision due to new knowledge.

In addition, contents such as contained amount, physical and chemical properties, and hazards identification are not subject of any guarantee. These precautions are applied only during standard handling. If the material is used in a special way, take appropriate safety measures that correspond to actual applications and usages.

Each user is responsible to take appropriate measures with due consideration of contents in this sheet.

Please note that this Safety Data Sheet is created according to Japanese law.

List of references

- Classification method of chemicals based on GHS(JIS Z 7252: 2019)
 - Hazard communication of chemicals based on GHS - Labelling and Safety Data Sheet (SDS) (JIS Z 7253: 2019)
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