Safety Data Sheet

1. Product and company identification

Product name	:	CT-CHROMagarTM-STEC (Prepared media)
Name of manufacturer	:	KANTO CHEMICAL CO., INC.
Address	:	2-1, Nihonbashi, Muromachi 2-Chome, Chuo-Ku, Tokyo, 103-0022, Japan
Name of section	:	Reagent division, microbiology department, technical section
Telephone number	:	+81-3-6214-1091
Facsimile number	:	+81-3-3241-1049
Mail address	:	diag-info@gms.kanto.co.jp
SDS No.	:	72147

2. Summary of danger and Hazard

GHS classification

Physical and chemical hazard

Flammable solids	:	Out of category
Pyrophoric solids	:	Out of category

Human health hazard

Acute toxicity(oral)	:	Out of category
Skin corrosion・Irritation	:	Out of category

3. Composition/Information on ingredients

Substance/Mixture	:	Mixture
Chemical name or commercial name	:	culture medium contains below substances.
Ingredients and composition	:	Agar 15.0g/L Peptone/Yeast extract 8.0g/L sodium chloride 5.2g/L Enzyme substrate mixture 2.6g/L Potassium tellurite 2.5mg/L Cefixime 0.05mg/L Water 96.92%
Chemical formula	:	Agar — Peptone/Yeast extract — Sodium chloride Nacl Enzyme substrate mixture not disclose Potassium tellurite K2TeO3 Cefixime C16H15N5O7S2
CAS No.	:	Agar 9002-18-0 Peptone/Yeast extract 91079-46-8 Sodium chloride 7647-14-5

Enzyme substrate mixture -
Potassium tellurite 7790-58-1
Cefixime 79350-37-1

TSCA Inventory : -

EINECS No. : Agar 2326581
Peptone/Yeast extract 2934347
Sodium chloride 2315983
Enzyme substrate mixture -
Potassium tellurite 2322131
Cefixime -

4. First aid measures

Inhalation : Remove the victim to fresh air, and make him blow his nose and gargle.

Skin contact : Wash the affected areas under running water.

Eye contact : Wash the affected areas under running water.

Ingestion : Give the victim water immediately.

5. Fire fighting measures

Extinguishing media : This product is noncombustible.

Prohibited extinguishing media
: None

Particular fire fighting : Move containers from fire area if it can be done without risk, if not possible, apply water from a safe distance to cool and protect surrounding area.

Protection for firefighters
: Firefighters should wear protective equipment.

6. Accidental release measures

Cautions for personnel : Wear proper equipment and avoid contact with skin and inhalation of dust. Keep away personnel except for authorized ones from spillage area by stretching ropes.

Cautions for environment : Attention should be given not to cause damage to the environment by flowing of spillage to rivers. In case of the dilution of copious water, do not cause damage to the environment by untreated wastewater.

Removal measure : Sweep up the chemical and place in a chemical waste container.

7. Cautions of handling and storage

Handling

Engineering measures : If necessary, wear proper protective equipment not to contact with skin or inhale the dust.

Cautions for safety handling
: Handle the chemical not to generate aerosol or dust.

Storage

Adequate storage condition
: Keep the bottle tightly closed and store at a refrigerator. (2-8℃)

Safety adequate container materials

: Glass, polyethylene, polypropylene

8. Exposure control/Personal protection

Engineering measures : Install a local ventilation system under dusty condition.

Control parameters

ACGIH(2009) : Not established

Protective equipment

Respiration protective equipment

: Not necessary

Hands protective equipment

: Impervious protective gloves

Eyes protective equipment

: Safety goggles

9. Physical and chemical properties

Appearance	:	Gel-like Solid
Color	:	White-pale yellow
Odor	:	Slight characteristic odor
pH	:	7
Boiling point	:	Decomposition
Melting point	:	Decomposition
Specific gravity	:	Not available
Solubility		
Solubility in solvents	:	Water ; Readily soluble

10. Stability and reactivity

Stability	:	Stable under normal usage.
Reactivity	:	May react with oxidizing substances.
Incompatible conditions	:	Light, heat
Incompatible materials	:	Oxidizing substances
Hazardous decomposition products		
	:	Carbon monoxide, nitrogen oxides

11. Toxicological information

Acute toxicity	:	Oral : Out of category Dermal : Not possible to classify because of insufficient data. Inhalation(vapor) : Not possible to classify because of insufficient data. Inhalation(dust, mist) : Not possible to classify because of insufficient data. (as Sodium chloride) rat oral LD50=3000mg/kg
Skin corrosiveness	:	Out of category

Since causes no irritation to the skin, it was set into out of category.

Irritation to skin, eyes : Not possible to classify because of insufficient data.

Respiratory sensitization or Skin sensitization

: Respiratory sensitization : Not possible to classify because of insufficient data.

Skin sensitization : Not possible to classify because of insufficient data.

Mutagenicity : Not possible to classify because of insufficient data.

Carcinogenic effects : Not possible to classify because of insufficient data

Effects on the reproductive system

: Not possible to classify because of insufficient data.

Specific target organ systemic toxicity single exposure

: Not possible to classify because of insufficient data.

Specific target organ systemic toxicity repeated exposure

: Not possible to classify because of insufficient data.

Aspiration hazard : Not possible to classify because of insufficient data.

12. Ecological information

Ecotoxicity

Fish toxicity : Acute aquatic toxicity : Not possible to classify because of insufficient data.

Chronic aquatic toxicity : Not possible to classify because of insufficient data.

Rediualbility and degradability

: Not available

Mobility : Not available

13. Disposal consideration

Residual disposal : Dispose after sterilization by autoclaving at 121℃, 20minutes.

14. Transport information

UN class : It is not regulated under UN regulations.

15. Regulatory information

Ensure this material in compliance with federal requirements and ensure conformity to local regulations.

16. Other information

References

Encyclopaedia Chemica, Kyoritsu Shuppan Co., Ltd.(1963)

Handbook of 15710 Chemical Products, The Chemical Daily Co.(2010)

The information contained herein is based on several references and the present state of our knowledge. However the SDS does not always cover all information about the product, handle the product carefully.The information is intended to ordinary usage, in case of particular handlings, conduct appropriate safety measurements.The information herein is only provision of information, and it does not represent a guarantee the properties of the product.The Safety Data Sheet(SDS) is prepared based on JIS Z7253, and it has the same required elements on the Material Safety Data Sheet(MSDS) which is prepared based on JIS Z7250:2010.