

SAFETY DATA SHEET

Version 1

Issuing Date: 18-Dec-2018

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product code CSE4037-5006
Product Name Control Standard Endotoxin (CSE)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use Reagent.
Uses advised against No information available.

1.3. Details of the supplier of the safety data sheet

Supplier
FUJIFILM Europe GmbH
Heesenstraße 31
40549 Düsseldorf, Germany

Manufactured by
FUJIFILM Wako Chemicals U.S.A. Corporation
1600 Bellwood Road
Richmond, VA 23237

For further information, please contact:

Company Phone Number U.S.A: +804-271-7677
E-mail Address EHS@fujifilm.com

1.4. Emergency telephone number

CHEMTREC UK: +(44)-870-8200418

Europe	+49 (0)211 5089 137 (9:00 a.m. to 6 p.m.)
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2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.3. Other hazards

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

No dangerous ingredients according to Regulation (EC) No. 1907/2006

Full text of H- and EUH-phrases: see section 16

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice	If symptoms persist, call a physician.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.
Ingestion	If swallowed, do not induce vomiting - seek medical advice.
Inhalation	Move to fresh air. If symptoms persist, call a physician.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing agent suitable for type of surrounding fire.

Unsuitable Extinguishing Media

No information available.

5.2. Special hazards arising from the substance or mixture

None known.

Hazardous Combustion Products

Carbon oxides. Nitrogen oxides (NO_x).

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid contact with the skin and the eyes.

6.2. Environmental precautions

Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Avoid dust formation.

Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

6.4. Reference to other sections

See section 7 for more information.

See section 8 for more information.

See Section 12 for additional Ecological Information.

See section 13 for more information.

7. HANDLING AND STORAGE**7.1. Precautions for safe handling**

Wear personal protective equipment. Avoid contact with skin, eyes or clothing. Do not breathe vapors/dust. Ensure adequate ventilation. Avoid dust formation in confined areas.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep at temperatures below 0 °C / 32 °F.

7.3. Specific end use(s)

Reagent.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

Occupational exposure limit value This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye Protection	Tight sealing safety goggles.
Hand Protection	Wear protective gloves.
Skin and body protection	Long sleeved clothing.
Respiratory protection	Ensure adequate ventilation.

General Hygiene Considerations When using do not eat, drink or smoke. Take off contaminated clothing and wash before reuse. Regular cleaning of equipment, work area and clothing is recommended.

Environmental Exposure Controls No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	white	Odor	Odorless
Odor Threshold	No information available	Physical State @20°C	powder
pH	No information available	Flash point	No information available
Boiling point / boiling range	No information available	Decomposition temperature	No information available
Autoignition temperature	No information available	Freezing Point	No information available
Melting point / melting range	No information available	Flammability Limit in Air	No information available
Flammability (solid, gas)	No information available	Explosive Properties	No information available
Oxidizing Properties	No information available	Solubility	Soluble in water
Specific Gravity	No information available	Vapor Pressure	No information available
Evaporation rate	No information available	Density	No information available
Vapor density	No information available	Partition coefficient:	No information available
Dynamic viscosity		n-octanol/water	

Other information
Molecular Weight No information available

10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under recommended storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

10.4. Conditions to avoid

This material as supplied must be carefully evaluated as a combustible dust hazard. Avoid all dusty conditions such as sweeping or careless handling of this material. This material should not be allowed to accumulate on piping, equipment, floors, ceiling components or surfaces of any kind. Combustible dust can be susceptible to human static discharge as an ignition source if proper dispersion and concentration are present. Use only approved methods to gather or clean this material.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects**Product Information**

Acute toxicity	
Inhalation	Inhalation of dust in high concentration may cause irritation of respiratory system.
Eyes	Dust contact with the eyes can lead to mechanical irritation.
Skin	Contact with dust can cause mechanical irritation or drying of the skin.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

No information available

Chronic toxicity

Carcinogenicity	None known.
Corrosivity	None known.
Sensitization	None known.
Reproductive Toxicity	None known.
Mutagenic Effects	None known.
Target Organ Effects	Eyes. Skin. Respiratory system.

12. ECOLOGICAL INFORMATION**12.1. Toxicity****Ecotoxicity**

The environmental impact of this product has not been fully investigated

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products

Dispose of in accordance with federal, state and local regulations.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

IMDG

Not regulated

RID

Not regulated

ADR/RID

Not regulated

ICAO

Not regulated

IATA

Not regulated

Special precautions for users

No information available.

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories

TSCA	No
EINECS/ELINCS	No
DSL/NDSL	No
PICCS	No
ENCS	No
IECSC	No
AICS	No
KECL	No

Legend**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**AICS** - Australian Inventory of Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances

15.2. Chemical safety assessment

No information available.

16. OTHER INFORMATION

Prepared By

FUJIFILM Environment, Health and Safety, phone: (01) (800) 473-3854

Revision Date 18-Dec-2018**Revision Note** CLP Annex VI harmonized classification(s) and/or available REACH registration information are the primary data sources referenced in determining the classification of this product.

This safety data sheet complies with the requirements of: Regulation (EC) No 1272/2008.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. 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.