



YAMASA CORPORATION
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SAFETY DATA SHEET

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

1.1. Product identification

Trade name : CMP,2Na-PC
CAS number : 6757-06-8

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

General use : Cosmetic raw material

1.3. Details of the supplier of the safety data sheet

Company name : YAMASA CORPORATION
Address : 2-10-1 Araoicho, Choshi, Chiba 288-0056, Japan
Telephone number : +81 479 22 0095

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (GHS)

Physical hazards : Not Classified
Health hazards : Not Classified
Environmental hazards : Not Classified

2.2 Label elements

Hazard statements : Not Classified

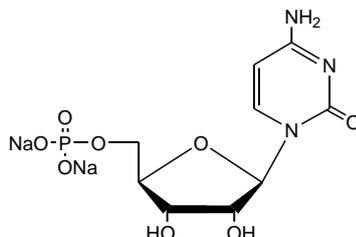
2.3 Other hazards

: No data available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical name : Cytidine 5'-monophosphate, disodium salt
Disodium Cytidine Phosphate
CAS number : 6757-06-8
EC number : 229-819-3
Molecular formula : $C_9H_{12}N_3O_8PNa_2$
Molecular weight : 367.16
Structure :



4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation : May be harmful, if a large amount of the material was taken, require immediately medical treatment.
Skin contact : Wash immediately with water.
Eye contact : Wash immediately with water.
Ingestion : May be harmful, if a large amount of the material was taken, require immediately medical treatment.

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

Notes to Physician : Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

: Use extinguishing media appropriate to surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

: Emits toxic fumes under fire conditions.

5.3. Advice for firefighters

: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.



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6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures
: Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.
- 6.2. Environmental precautions
: Avoid discharge into drains or watercourses or onto the ground.
- 6.3. Methods and material for containment and cleaning up
: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust.
Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

- 7.1. Precautions for safe handling
: Do not breathe dust. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling.
- 7.2. Conditions for safe storage, including any incompatibilities
: Keep dry, stable at room temperature.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

- 8.1. Control parameters
Occupational exposure limits
: No exposure limits known for ingredient(s).
- 8.2. Exposure controls
: Wear appropriate NIOSH / MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.
: Use only in a chemical fume hood.
: Safety shower and eye bath.
: Do not breathe vapor.
: Do not get in eyes, on skin, on clothing.
: Avoid prolonged or repeated exposure.
: Wash thoroughly after handling.
: Keep tightly closed.
: Store in a cool dry place.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

- Appearance : White crystalline powder
Odor : Odorless.
pH : No data available.
Melting point/freezing point : No data available.
Initial boiling point and boiling range : No data available.
Flash point : -
Evaporation rate : No data available.
Flammability (solid, gas) : No data available.
Upper/lower flammability or explosive limits : No data available.
Vapor pressure : No data available.
Vapor density : No data available.
Relative density : No data available.
Solubility in water : Freely soluble in water.
Partition coefficient: *n*-octanol/water : No data available.
Auto-ignition temperature : No data available.
Decomposition temperature : No data available.
Viscosity : No data available.
Particle Characteristics : No data available.

10. STABILITY AND REACTIVITY

- 10.1. Reactivity : Normally stable.
10.2. Chemical stability : Stable under the prescribed storage conditions.
10.3. Possibility of hazardous reactions : No data available.
10.4. Conditions to avoid : No data available.



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10.5. Incompatible materials : Strong oxidizing agents.

10.6. Hazardous decomposition products
: Carbon monoxide, carbon dioxide, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Oral : No data available.

Dermal : No data available.

Inhalation : No data available.

Skin corrosion/irritation : Not classified. (OECD 439) [1]
No irritation. (24-hour occlusive human skin patch test, 40% w/w aqueous solution) [1]
No irritation. (RIPT, 10% w/w aqueous solution) [1]

Serious eye damage/irritation : Not classified. (OECD 491) [1]

Respiratory or skin sensitization

Respiratory : No data available.

Skin : Negative. (OECD 442C) [1].

Negative. (OECD 442D) [1]

Non-sensitizing. (RIPT, 10% w/w aqueous solution) [1]

Germ cell mutagenicity : Negative. (Ames test, OECD 471, maximum dose: 5,000 µg/plate) [1]
Negative. (Chromosome aberration test, OECD 473, maximum dose: 2,000 µg/ml) [1]

Carcinogenicity : Not listed by IARC, NTP, or OSHA

Reproductive toxicity : No data available.

STOT-single exposure : No data available.

STOT-repeated exposure : No data available.

Aspiration hazard : Not applicable. Solid.

12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity : No data available.

12.2. Persistence and degradability : No data available.

12.3. Bioaccumulative potential : No data available

12.4. Mobility in soil : No data available

12.5. Other adverse effects : No data available

13. DISPOSAL CONSIDERATIONS

Comply with all Federal, State, and local regulations.

Do not dump this material into sewers, on the ground or into any body of water.

Residue from fires extinguished with this material may be hazardous.

Do not re-use empty containers.

14. TRANSPORT INFORMATION

IMDG/IMO (International Maritime Organization/International Maritime Dangerous Goods Code)

14.1. UN number : Not applicable.

14.2. UN proper shipping name : Not applicable.

14.3. Transport hazard class(es) : No transport warning sign required.

14.4. Packing group : Not applicable.

14.5. Environmental hazards : No hazards identified.

14.6. Transport in bulk : No data available

14.7. Special precautions for user : No data available

ADR (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

14.1. UN number : Not applicable.

14.2. UN proper shipping name : Not applicable.

14.3. Transport hazard class(es) : No transport warning sign required.



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- 14.4. Packing group : Not applicable.
- 14.5. Environmental hazards : No hazards identified.
- 14.6. Transport in bulk : No data available
- 14.7. Special precautions for user : No data available

IATA (International Air Transport Association)

- 14.1. UN number : Not applicable.
- 14.2. UN proper shipping name : Not applicable.
- 14.3. Transport hazard class(es) : No transport warning sign required.
- 14.4. Packing group : Not applicable.
- 14.5. Environmental hazards : No hazards identified.
- 14.6. Special precautions for user : No special precautions required.
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code : Not applicable.

15. REGULATORY INFORMATION

- TSCA status (40 CFR 721) : Not listed.
- CERCLA reportable quantity (40 CFR 302) : Not listed.

SARA title III

- Section 302 (40 CFR 355) Appendix A and B : Not listed.
- Section 311/312 (40 CFR 372) Toxic Chemicals : Not listed.
- California Proposition 65 : Not listed.

16. OTHER INFORMATIONS

- 16.1. Reference
[1] Data provided by YAMASA CORPORATION. (2025)

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