



Gal-G2- α -CNP
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Safety Data Sheet

1 Product and Company Identification

Product Name	Gal-G2- α -CNP
Product Code	CNP-005
Supplier	
Name	TOYOBO CO.,LTD.
Address	2-8, Dojima Hama 2-chome Kita-ku, Osaka 530-8230, Japan
Department	Biotechnology Overseas Sales and Marketing Department
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Recommended use and restrictions on use	diagnostic product

2 Hazard Identification

Most Important Hazards and Effects	The product might cause allergic reactions upon inhaling or skin contact.
GHS classification	Classification not possible

3 Composition/Information on Ingredients

Substance/Mixture	Substance
Chemical Nature	2-chloro-4-nitrophenyl-4-O- β -D-galactopyranosylmaltoside
CAS#	157381-11-8
amounts contained	95%(W/W) or more
Ingredients Contributing to the Hazard	No information available.

4 First Aid Measures

Inhalation	Remove to fresh air. Consult a physician when unpleasantness occurs.
Skin Contact	Wash off with plenty of water. Consult a physician when inflammation on the skin occurs.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Swill plentiful amount of water or milk for immediate vomiting, consult a physician.

5 Fire Fighting Measures

Extinguishing Media	Water spray, dry chemical powder, or carbon dioxide etc.
Protection of Firefighters	Avoid working at leeward.

6 : Accidental Release Measures

Personal Precautions

Wear protective gear to avoid eye/skin contact and inhalation. Do not work at leeward.

Environmental Precautions

High concentrated waste fluid should not be directly discharged into rivers.

Methods for Cleaning up

Use cloth, paper or anything similar to soak up the solution leaking out of the container. Take up under vacuum using dust collecting filter, wash residual spill with copious amounts of water.(Waste water should be treated with activated sludge etc.)

7 : Handling and Storage

Handling

Technical Measures

Wear protective gear to avoid eye/skin contact and inhalation. Do not drop the container to prevent the content popping out.

Precautions

None specified.

Safe Handling Advice

Wear protective gear, avoiding contact on eye, skin and clothes.

Storage

Technical Measures

Keep sealed container in freezer.

Incompatible Products

None specified.

Storage Conditions

Store under -20°C .

Packaging Materials

Use the initial container of the product.

8 : Exposure Controls/Personal Protection

Engineering Measures

Set local ventilation equipment.

Personal Protective Equipment

Respiratory Protection

Protecting mask.

Hand Protection

Protecting gloves(rubbers or plastic gloves etc.).

Eye Protection

Safety goggles.

Skin and Body Protection

Long sleeve working wear.

9 : Physical and Chemical Properties

Physical State, form and colour

Solid, powder, white

Odour

No odour

pH

In the range of 7.0 in case of 100 mg/ml in water.

Decomposition Temperature

No information available.

Flash Point

No information available.

Density

No information available.

Solubility

Freely soluble in water.

10 Stability and Reactivity

Stability

Stable at temperatures under -20°C . When left for long at room temperature, might be degraded, which does not cause any hazardous reaction though.

Possible hazard reactions at specific condition

Not specified.

Conditions to avoid

Prolonged storage under higher temperature than room temperature and high humidity.

Materials to avoid

None specified.

Hazardous Decomposition Products

No information available.

11 Toxicological Information

Acute toxicity

No information available.

Skin corrosion/irritation

No information available.

Eye damage/irritation

No information available.

Sensitization – Respiratory/Skin

The product might cause allergic reactions upon inhaling or skin contact.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ toxicity

No information available.

Acute Toxicity

Not available.

Local Effects

Not available.

Sensitization

Not available.

12 Ecological Information

Persistence/Degradability

Not available.

13 Disposal Considerations

Waste from Residues

Dispose of this material in accordance with all applicable local and national laws and regulations.

Contaminated packaging

Wash with copious amounts of water and waste conforming to local regulations depending on the type of the material.

14 Transport Information

International Regulations

None specified (Not classified as hazardous material as per the UN recommendation).

Specific Precautions

Keep at temperatures under -20°C .

15 Regulatory Information

Regulations

None specified.

16 Other Information

Notice

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