

(Food ingredient)

Product name : MP-100™ (Marine Peptide Complex™)

Product code : MP100

1 Company Identification

Name	Nippon Barrier Free Co., Ltd.
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Division	Sales department
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2 Identification of the material

Substance/ Preparation	Substance
Chemical Name	-
Ingredient	Salmon Ovary Membrane Extract
CAS No.	N/A

3 Criteria for danger and hazardousness

Applicable criteria	No applicable to hazard criteria
Danger	None
Hazardousness	None

4 First-Aid Measures

Eye contact	Immediately flush with water for at least 15 minutes, and get medical attention as needed.
Skin contact	Rinse with plenty of water and soap, and get medical attention as needed.
Inhalation	Move the person to the location of fresh air, and get medical attention as needed.
Ingestion	If the person accidentally ingests the product in large amount, give him/her plenty of water, and get medical attention immediately.

5 Fire-Fighting Measures

Extinguishing method	Use plenty of water. Wear protective devices such as masks. Do not stand in downwind.
Extinguishing agent	Use water and fire extinguisher.

6 Accidental Release Measures

Personal precautions	If the person is indoors, provide adequate ventilation until the disposal is completed. Wear protective equipment and work from the windward side so that workers in downwind side can evacuate.
Environmental precautions	Treat outflowed product with care so that it will not be emitted to rivers, which causes damage to environment.
Removal method	In the case of a small quantity, washes it away with a large quantity of water. In the case of a large quantity, collect it in an airtight container as much as possible while being careful not to be scattered. Rinse the remaining with large amount of water.

7 Handling and Storage

Handling	Wear a equipment for appropriate protection as needed to breathe it in, and not to adhere to eyes, skin very much. Work in low moisture environment and take care of bacteria. Immediately seal up after work.
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	Wash hands and face adequately after work. Clean work room with water and dry adequately.
Storage	Avoid direct sunlight and heat/humidity. Seal up to avoid air. Store in dried dark place.
Package for Storage	Store in airtight package due to its hygroscopic features.

8 Exposure Controls and Personal Protection

Facility measures	It is preferable to install local exhaust ventilation. Establish wash stand near handling place, and clarify its location.
Acceptable concentration	Not established
Protective equipment	Wear long-sleeved work clothes, boots, gloves, masks, and goggles depending on the situation.

9 Physical and Chemical Characteristics

Appearance others	White to light yellowish white powder with slightly characteristic odor.
Solubility	Well soluble in Water, and insoluble in alcohol and organic solvent.

10 Stability and Reactivity

Stability	Stable in normal condition.
Reactivity	No data
Conditions to avoid	Sunlight, heat and moisture.
Hazardous decomposition products	No data

11 Toxicological Information

Single oral dose toxicity test
Reverse mutation test

12 Ecological Information

No data

13 Disposal Considerations

Waste from residues	Incinerate products if it is small amount, or consult an industry waste dealer approved by the governors.
Contaminated packaging	After removing the content, dispose tare containers.

14 Transport Information

Before transportation, make sure that there is no damage, corrosion or leaking in a container.
Load products properly so that no fall, drop and damage occurs. And prevent cargo corruption without fail.

15 Applicable Regulations

N/A

The above information includes information and knowledge which are obtained up to the present. We shall not be held liable for any damages or less resulting from the data and evaluations as described herein. Matters that are intended for normal handling, so in case of extraordinary handling, use this product with newly measure for safety according to its application and usage.