



W HYDROCOLLOIDS, INC.

26th Floor, W Building,
Fifth Avenue, BGC, 1634,
Taguig City, Philippines

T: +632.856.3838 F: +632.856.1033

sales@rico.com.ph
www.rico.com.ph



Material Safety Data Sheet

According to Regulation (EC) No. 1272/2008 (CLP)

1. Identification of the Substance/Mixture and of the Company/ Undertaking

1.1 Product identifier

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

1.2.1 Relevant identified uses of the substance or mixture

1.2.2 Uses advised against

Unknown

1.3 Details of the supplier of the safety data sheet

W Hydrocolloids, Inc.

26th Floor W Building Fifth Avenue, Bonifacio Global City, 1634 Taguig,
Philippines

sales@rico.com.ph

1.4 Emergency telephone number:

Tel.: +632.856.3838

Fax: +632.856.1033

2. Hazards identification

2.1 Classification of the substance or mixture:

2.1.1 Classification according to regulation (EC) No 1272/2008 (CLP/GHS)

No hazardous substance in sense of the guideline 67/548/EEC/
1999/45/EC and regulation (EC) 1272/2008 (CLP)

2.1.2 Classification according to guideline 67/548/EEC or 1999/45/EC

No hazardous substance in sense of the guideline 67/548/EEC/
1999/45/EC and regulation (EC) 1272/2008 (CLP)

2.1.3 Additional information

Not applicable

2.2 Label elements

Not applicable

2.2.1 Labeling according to regulation (EC) No 1272/2008 (CLP/GHS)

Not applicable

Product identifier:

Not applicable

Hazard pictograms:

Not applicable

Signal word:

Not applicable

Hazard statements:

Not applicable

Precautionary statements:

Not applicable

2.3 Other hazards

No information available.

3. Composition/Information on Ingredients

3.1 Substances

Chemical Name

CAS #

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3.2 Mixtures

Not applicable.

3.2.1 Hazardous ingredients according to Reg. (EC) 1272/2008 (CLP)

Not applicable

3.3. Additional information

No information available.

4. First aid measures

4.1 Description of first aid measures

4.1.1 Following inhalation

Remove to fresh air. If breathing difficulty or discomfort occurs and persists, see a medical doctor.

4.1.2 Following skin contact

Wash with plenty of soap and water. Get medical attention if irritation occurs and persists.

4.1.3 Following eye contact

Flush eyes with water for at least 15 minutes. If irritation occurs and persists, obtain medical attention.

4.1.4 Following ingestion

Drink plenty of water if ingested.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate attention and special treatment needed

No data available.

5. Fire-fighting measures

5.1 Extinguishing media:

Water, CO₂. Coordinate fire-fighting measures to the fire surroundings.

5.2 Special hazards arising from the substance or mixture

Substances potentially set free in case of fire: Carbon monoxide (CO), Carbon dioxide (CO₂).

5.3 Advice for fire-fighters

Wear proper breathing apparatus when entering enclosed fire space.

5.4 Additional information

Coordinate fire-fighting measures to the fire surroundings. Collect contaminated fire-fighting water separately.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Powder becomes slippery when wet; produces oxides of nitrogen and sulfur upon burning; respiratory sensitizer; irritating to the upper respiratory tract at high airborne concentrations; Avoid dust formation; Use personal protective clothing; Avoid eye and skin contact; Keep away sources of ignition; Ensure adequate ventilation.

6.2 Environmental precautions

Not expected to be toxic to the environment nor to aquatic organisms.

6.3 Methods and material for containment and cleaning up

Maintain good housekeeping practices to minimize accumulation of settled dust, especially on overhead surfaces.

6.4 Reference to other sections

Refer to section 13. Use personal protective clothing like mentioned at section 8.

6.5 Additional information

No data available.

7. Handling and storage

7.1 Precautions for safe handling

Use ladle when transferring to avoid dust contamination.

7.2 Conditions for safe storage, including any incompatibilities

Store in a tight container and odour-free conditions. Avoid exposure to excessive heat. Store in a place not exceeding 35 °C (RH: 60°C).

7.3 Specific end uses

Apart from the uses mentioned in section 1.2. No other specific uses are stipulated

8. Exposure controls / personal protection

8.1 Control parameters

Exposure Limits:

General 3 mg/m³ alveolar fraction

Dust limit 10 mg/m³ respiratory fraction

8.2 Exposure control

Personal protection equipment

Respiratory protection:

Respiratory protection necessary at: exposure limit excess.

Suitable respiratory protection apparatus: respirators or dust masks.

Hand protection:

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Recommended: Disposable gloves.

Additional information to hand protection: No tests were executed. The information is based on the statement of the manufacturer.

Eye protection

Whenever airborne dust concentrations are high, appropriate eyewear, such as mono-goggles, should be worn to prevent eye contact.

Skin Protective clothing

Apron sufficient

Environmental exposure controls

No special precautionary measures necessary.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Heavy Metals:

Lead: Max 5ppm

Arsenic: Max 3ppm

Mercury: Max 1ppm

Cadmium: Max 2ppm

10. Stability and reactivity

10.1 Reactivity

Refer to section 7

No hazardous decomposition products if stored and handled as prescribed

Danger of dust explosion

10.2 Chemical stability

Keep away from strong smelling material.

10.3 Possibility of hazardous reactions

Danger of dust explosion.

10.4 Conditions to avoid

Avoid formation of dust.

10.5 Incompatible materials

Acidic substances.

10.6 Hazardous decomposition products

Release of sulfur containing compounds or by-products.

11. Toxicological information

11.1 Toxicokinetics, metabolism and distribution

Irritation

Eye: Non-irritating (rabbit)

Corrosivity

No data available.

Sensitisation

Non-sensitizing (guinea pig)

Repeated close toxicity

No data available.

Carcinogenicity

NTP: Not listed

IARC: Not listed

OSHA: Not listed

ACGIH: Not listed

Mutagenicity

No data available.

Toxicity for reproduction

No data available.

11.2 Further information

Handle in accordance with good industrial hygiene and safety practice.

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12. Ecological information

12.1 Toxicity

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 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects:

No data available.

13. Disposal considerations

13.1 Waste treatment methods

No special methods are suggested. It is the user's responsibility to comply with all applicable local, state, and federal laws, regulation and standards.

13.2 Additional information

Packages:

Dispose of in compliance with official regulations. Completely emptied packages may be recycled.

14. Transport information

14.1. DOT

Proper Shipping Name: Carrageenan

Description: Not listed in Title 49 of the U.S. Code of Federal Regulations as a hazardous material.

14.2 IMDG/IMO

IMO Class: Not Applicable

Transport Description: Safe for plane or ship transport

14.3 IATA/ICAO

IATA/ICAO Class: Not Applicable. Not classified as Dangerous goods

Proper shipping name: Carrageenan

Transport Description: Safe for plane or ship transport

UN Number: Not Applicable. Not classified as Dangerous goods

Transport Hazard class: Not applicable

Packing Group: Not applicable

Environmental Hazards: Not applicable

Special Precaution for User: Not applicable

15. Regulatory information

RA6969 (Toxic Substances and Hazardous and Nuclear Wastes Control Act 1990): Not listed

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

No hazardous substance in sense of the guideline 67/548/EEC / 1999/45/EC and regulation (EC) 1272/2008 (CLP)

Philippines

RA6969 (Toxic Substances and Hazardous and Nuclear Wastes Control Act 1990): Not listed

United States

Section 302 Extremely Hazardous Substances (40 CFR 355, Appendix A): Not Applicable

Section 311 Hazard Categories (40 CFR 370): Not Applicable

Section 313 Reportable Ingredients (40 CFR 372): This product does not contain any toxic chemicals subject to the reporting requirements of section 313, Title III of the SARA (Superfund Amendments and Reauthorization Act) of 1986.

TSCA (Toxic Substance Control Act) Inventory Status (40 CFR 710): Listed (carrageenan)

International Listings

Australia (AICS): Listed

China: Listed

Philippines (PICCS): Listed

Hazard, Risk and Safety Phrase Descriptions

EC Symbols: Not classified as hazardous.

EC Risk Phrases: Not classified as hazardous.

EC Safety Phrases: Not classified as hazardous.

16. Other Information

MSDS is for guidance and reference only. This MSDS contains environmental, health and toxicology information for your employees. It is highly recommended that customers should conduct their own tests to determine the suitability of our products. Although certain hazards are mentioned herein, we cannot guarantee that these are the only existing hazards.