

Safety Data Sheet

1. IDENTIFICATION

Product Name : ORYZA GAMMAX®
Company name : ORYZA OIL & FAT CHEMICAL CO., LTD.
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JAPAN
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Emergency facsimile number : (81) 586 86-6191
E-mail address : info@oryza.co.jp
Recommended use of this product and restriction on use : Ingredient for food

2. HAZARD IDENTIFICATION

Adverse Human Health Effects and symptoms : There is no information.
Adverse Environmental Effects and symptoms : There is no information.
GHS Classification
Physical Hazards
Explosives : Not applicable
Flammable gases : Not applicable
Flammable aerosols : Not applicable
Oxidizing gases : Not applicable
Gases under pressure : Not applicable
Flammable Liquids : Not applicable
Flammable solids : No data available
Self-reactive substances and mixtures : Not applicable
Pyrophoric liquids : Not applicable
Pyrophoric solids : No data available
Self-heating substances and mixtures : No data available
Substances and mixtures which, in contact with water, emit flammable gases : Not applicable
Oxidizing liquids : Not applicable
Oxidizing solids : Not applicable
Organic peroxides : Not applicable
Corrosive to metals : No data available
Health Hazards
Acute toxicity (Oral) : No data available
Acute toxicity (Dermal) : No data available
Acute toxicity (Gass) : No data available
Acute toxicity (Vapour) : No data available
Acute toxicity (Dust/Mist) : No data available
Skin corrosion/irritation : No data available
Serious eye damage/eye irritation : No data available
Respiratory sensitization : No data available
Skin sensitization : No data available
Germ cell mutagenicity : No data available
Carcinogenicity : No data available
Reproductive toxicity : No data available
Specific target organ systemic toxicity – Single exposure : No data available
Specific target organ systemic toxicity – Repeated exposure : No data available
Aspiration hazard : No data available

Environmental Hazards

Hazardous to the aquatic environment (acute) : No data available
 Hazardous to the aquatic environment (chronic) : No data available

Label Element

Pictogram or symbol : No pictogram
 Signal word : No signal words
 Hazard statement : No hazard statement
 Precautionary statement : No precautionary statements
 Other hazards : There is no information

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture : Substance
 Latin Name of the Plant : *Oryza sativa* Linné (Gramineae)
 Substances presenting a health or environmental hazard within the meaning of Regulation on CLP : None
 Document delivery obligations substances in Safety and Health Act of Japan : None

CHEMICAL NAME	%	FORMULA	CAS No.	EC No.
γ -Oryzanol	100	C ₄₀ H ₅₈ O ₄	11042-64-1	None
CHEMICAL NAME	TSCA	UN Class	UN No.	H statement
γ -Oryzanol	Listed	NA	NA	NA
CHEMICAL NAME	Hazard symbol			
γ -Oryzanol	NA			

4. FIRST-AID MEASURES

Effects and Symptoms

Inhalation : There is no information.
 Skin Contact : There is no information.
 Eye Contact : There is no information.
 Ingestion : There is no information.

First aid measures

Inhalation : Remove the victim from the contamination area immediately to fresh air. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible, if necessary.
 Skin Contact : Wash the affected area under running water using a mild soap. If irritation persists, arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.
 Eye Contact : Gently rinses the affected eyes, including under the eyelids, with clean water for at least 15 minutes. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.
 Ingestion Rinse : Rinse mouth with water. If the victim is responsive, give the person one or two glasses of water, try to get the victim to vomit by having the victim touch the back of their throat with a finger. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

Most important symptoms/effects, acute and delayed : There is no information.

Indication of immediate medical attention and special treatment needed, if necessary: There is no information.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : In case of fire, use water spray, foam, dry chemical powder, dry sand or carbon dioxide.
 Unsuitable extinguishing media : There is no information.
 Specific hazards arising from this product : There is no information.

Special protective equipment
And precautions for fire fighters : Firefighters should wear proper protective equipment. Keep personnel removed from and upwind of fire. Move container from fire areas if it can be done without risk. Apply water from a safe distance to cool and protect surrounding area.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures :

Wear proper protective equipment (see Section 8). Evacuate non essential personnel. Eliminate all sources of ignition and ventilate the area.

Environmental precautions :

Treat using the best available techniques before discharging into drains or the aquatic environment.

Methods and materials for containment and cleaning up :

Eliminate all sources of ignition and ventilate the area. Sweep up, place in a bag and hold for waste disposal, then flush residual spill area with copious amounts of water.

7. HANDLING AND STORAGE

Handling

Precautions for safe handling : Use in the well-ventilated areas. Shut off all pilot burner and electrical (spark or hot wire) igniters and other sources of ignition during use and until all odors are gone. Protect against physical damage, do not drop onto, or slide across sharp objects

Storage

Conditions for safe storage, including any incompatibilities :

Store in a dry, ventilated location. Keep away from high temperature and sun light, store in the closed containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guideline : ACGIH (TLV): Not Established
OSHA (PEL): Not Established

Appropriate engineering controls : Good general ventilation should be sufficient for most conditions.

Personal protective equipment

Respiratory Protection : Wear dust respirator, if necessary.

Hand Protection : To prevent any contact, wear impervious clothing such as gloves, as appropriate.

Eye Protection : Wear safety glasses, safety goggle, face shield.

Skin Protection : To prevent any contact, wear impervious clothing such as gloves, apron, boots or whole body suits, as appropriate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color etc) : White or light yellowish crystalline powder

Odor : No or slight characteristic odor

pH : Not performed

Flash point : Not performed

Bulk Specific Gravity : 0.1 to 0.3

Solubility in Water : Insoluble

Auto-ignition temperature : Not performed

10. STABILITY AND REACTIVITY

Reactivity	: There is no information.
Chemical stability	: This product is considered a stable material under normal and anticipated storage and handling conditions.
Possibility of hazardous reactions	: There is no information.
Conditions to avoid	: There is no information.
Incompatible materials	: There is no information.
Hazardous decomposition products	: This product will not produce hazardous decomposition.

11. TOXICOLOGICAL INFORMATION

Acute toxicity LD ₅₀	: There is no information.
Subacute Toxicity (90 days)	: NOAEL more than 2,000 mg/kg/day (rat)
Skin corrosion / irritation	: There is no information.
Serious eye damage / irritation	: There is no information.
Respiratory or skin sensitization	: There is no information.
Germ cell mutagenicity	: There is no information.
Carcinogenicity	: There is no information.
Reproductive toxicity	: There is no information.
Specific target organ systemic toxicity - single exposure	: There is no information.
Specific target organ systemic toxicity - repeated exposure	: There is no information.
Aspiration hazard	: There is no information.

12. ECOLOGICAL INFORMATION

Ecotoxicity	: There is no information.
Persistence and degradability	: This product is considered biodegradable.
Bioaccumulative potential	: There is no information.
Mobility in soil	: There is no information.
Other adverse effects	: There is no information.

13. DISPOSAL CONSIDERATION

Method of Disposal	: Comply with all EU, national and local regulations. Do not dump this product into sewers, on the ground or into any body of water. Burn in a chemical incinerator by small and small. Follow all regulations in your country.
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14. TRANSPORT INFORMATION

UN Class	: NA
UN Number	: NA
Land-Road/Railway	
Proper shipping name	: NA
ADR/RID Class	: NA
Packing Group	: NA
Classification Code	: NA
Sea	
Proper shipping name	: NA
IMDG Class	: NA
Packing Group	: NA
Air	
Proper shipping name	: NA
IATA DGR Class	: NA

Packing Group : NA

15. REGULATORY INFORMATION

This product is classified as follows and labeled accordingly :

According to Directive Regulation on CLP

Classification : NA
Symbol : NA
Risk Phrases : NA
Safety Phrases : NA

Please refer to any other national measures that may be relevant.

16. OTHER INFORMATION

To the best of our knowledge, the information contained here in is accurate. However, neither ORYZA OIL & FAT CHEMICAL CO.,LTD. nor any of our distributors assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used in caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

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