



Safety Data Sheet

According to regulation : ISO 11014-1

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Section 1 : Identification of the substance/mixture and of the company/undertaking

1.1	Product Identifier	
	Product name	Gamma Oryzanol (Ferulic acid ester)
1.2	Relevant identified uses of the substance or mixture and uses advised against	
	Identified uses	
1.3	Details of the supplier of the safety data sheet	
	Company	Treasure Actives 6, 311rd, 3rd Avenue, Gowon Estate, Egbeda, Lagos, Nigeria.
	Telephone	+234 814 654 9958
	Website:	www.treasureactives.com
	Email:	info@treasureactives.com
1.4	Emergency telephone	
	Emergency phone	1-800-424-9300 (Chemtrec)

Section 2 : Hazards Identification

2.1	Classification of the substance or mixture	
	Fatal in contact with skin, (Category 1, 2) H310: Acute toxicity, dermal.	
2.2	Label elements	
	Labelling according Regulation (EC) No 1272/2008	
	Danger:	
		
	Hazard Statements H310: Acute toxicity, dermal.	
	Precautionary Statements P262 Do not get in eyes, on skin, or on clothing. P264 Wash hands [and ...] thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/... P302+P352 IF ON SKIN: wash with plenty of water/... P361+P364 Take off immediately all contaminated clothing and wash it before reuse.	
2.3	Other Hazards	
	This substance contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.	

Section 3 : Composition/information on ingredients

3.1	Gamma Oryzanol (Ferulic acid ester)		
	Component	Classifications (Individual)	Concentration (Individual)
	Oryzanol CAS: 11042-64-1 EC: 600-960-6	Acute Tox. 2	100%
	No components need to be disclosed according to the applicable regulations.		

Section 4 : First aid measures		
4.1	Description of first aid measures	
	General advice	Consult a physician. Show this material safety data sheet to the doctor in attendance.
	In case of inhalation	After inhalation: fresh air.
	In case of skin contact	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower.
	In case of eye contact	After eye contact: rinse out with plenty of water. Remove contact lenses.
	In case of ingestion	After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.
4.2	Most important symptoms and effects, both acute and delayed	
	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.	
4.3	Indication of any immediate medical attention and special treatment needed	
	No data available.	
Section 5 : Firefighting Measures		
5.1	Extinguishing media	
	Suitable extinguishing media	Water, Foam, Carbon dioxide (CO ₂), Dry powder.
	Un-suitable extinguishing media	For this substance/mixture no limitations of extinguishing agents are given.
5.2	Special hazards arising from the substance or mixture	
	Carbon oxides Combustible Development of hazardous combustion gases or vapours possible in the event of fire.	
5.3	Advice for firefighters	
	In the event of fire, wear self-contained breathing apparatus.	
5.4	Further Information	
	Prevent fire extinguishing water from contaminating surface water or the ground water system.	
Section 6 : Accidental release measures		
6.1	Personal precautions, protective equipment, and emergency procedures	
	For non-emergency personnel	Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.
	For personal protection see section 8.	
6.2	Environmental precautions	
	Do not let product enter drains.	
6.3	Methods and materials for containment and cleaning up	
	Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.	
6.4	Reference to other sections	
	See Section 13 for information on disposal.	
Section 7 : Handling and storage		
7.1	Precautions for safe handling	
	Advice on safe handling	For precautions see section 2.2.
	Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the working day. For precautions see section 2.2.
7.2	Conditions for safe storage, including any incompatibilities	
	Requirements for Storage	Tightly closed. Dry.
7.3	Specific end use(s)	
	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.	
Section 8 : Exposure Controls/Personal Protection		
8.1	Control Parameters	

Ingredients with workplace control parameters	
Contains no substances with occupational exposure limit values.	
8.2 Exposure controls	
Individual protection measures, such as personal protective equipment	
Eye/face protection	Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards .
Body protection	We suggest that routine unprotected and long-term contact with these products should be avoided and that suitable gloves should be worn during use.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday. Wash contaminated clothing before re-use.
Environmental exposure controls	Do not allow product to enter drains.

Section 9 : Physical and chemical properties

9.1 Information on basic physical and chemical properties	
Appearance	White powder.
Colour	Not available.
Odour	Not available.
Odour threshold	Not available.
pH	Not available.
Melting point/range (°C)	Not available.
Boiling point/range (°C)	Not available.
Flash point (°C)	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower explosive limits	Lower: Not available. Upper: Not available.
Vapour pressure (25°C)	Not available.
Vapour density	Not available.
Relative Density (25°C)	Not available.
Density	Not available.
Water Solubility	Not available.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity, dynamic (mPa.s)	Viscosity, kinematic: Not available. Viscosity, dynamic: Not available.
Explosive properties	Not available.
Oxidising properties	Not available.
9.2 Other information	
Burning Rate	Not available.

Section 10 : Stability and reactivity

10.1	Reactivity
	The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.
10.2	Chemical stability
	The product is chemically stable under standard ambient conditions (room temperature) .
10.3	Possibility of hazardous reactions
	Violent reactions possible with: Strong oxidising agents
10.4	Conditions to avoid
	No data available.
10.5	Incompatible materials
	Strong oxidising agent.
10.6	Hazardous decomposition products
	In the event of fire: see section 5.

Section 11 : Toxicological information		
11.1	Information on toxicological effects	
	Acute Toxicity	Based on available data, the classification criteria are not met.
	Skin corrosion/Irritation	Skin - Human Result: No skin irritation
	Serious eye damage/irritation	Eyes - Rabbit Result: Irritating to eyes.
	Respiratory or skin sensitization	No data available
	Germ cell mutagenicity	No data available
	Carcinogenicity	No data available.
	Reproductive toxicity	No data available.
	STOT- single exposure	No data available.
	STOT-repeated exposure	No data available.
	Aspiration hazard	No data available.
11.2	Additional Information	
	Classification according to GHS (1272/2008/EC, CLP) Acute toxicity Harmful if swallowed. Harmful if inhaled.	
Section 12 : Ecological information		
12.1	Toxicity	
	Toxicity to Fish	Based on available data the classification criteria are not met.
	Toxicity to daphnia and other aquatic invertebrates	Based on available data the classification criteria are not met.
	Toxicity to algae	Based on available data the classification criteria are not met.
	Toxicity to bacteria	Based on available data the classification criteria are not met.
12.2	Persistence and degradability	
	Biodegradability	No data available
	Biochemical Oxygen Demand	No data available
	Chemical Oxygen Demand	No data available
12.3	Bioaccumulative potential	
	Bioaccumulation	No data available.
12.4	Mobility in soil	
	No data available.	
12.5	Results of PBT and vPvB assessment	
	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.	
12.6	Endocrine disrupting properties	
	Very toxic to aquatic life with long lasting effects. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment..	
12.7	Other Adverse effects	
	No data available.	
Section 13 : Disposal considerations		
13.1	Waste treatment method	
	Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.	
13.2	Product/Packaging disposal	
	If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose according to national or local regulations.	
Section 14 : Transport information		
14.1	UN Number	
	ADR/RID: -	IMDG: - IATA: -
14.2	UN Proper shipping name	
	ADR/RID	Not dangerous goods

	IMDG	Not dangerous goods
	IATA	Not dangerous goods
14.3	Transport hazard class(es)	
	ADR/RID: -	IMDG: - IATA: -
14.4	Packaging Group	
	ADR/RID: -	IMDG: - IATA: -
14.5	Environmental Hazards	
	ADR/RID: -	IMDG Marine pollutant: - IATA: -
14.6	Special precautions for users	
	No data available	

Section 15 : Regulatory information

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture
	<p>This safety datasheet complies with the requirements of 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).</p> <p>US state regulations Not regulated.</p> <p>US. Massachusetts RTK - Substance List Not regulated.</p> <p>US. New Jersey Worker and Community Right-to-Know Act Not regulated.</p> <p>US. Pennsylvania RTK - Hazardous Substances Not regulated.</p> <p>US. Rhode Island RTK Not regulated.</p> <p>US. California Proposition 65 California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.</p>
15.2	Chemical safety assessment
	For this product a chemical safety assessment was not carried out.

Section 16 : Other information

	Disclaimer
	<p>This information is provided for documentation purposes only. This information and any technical or otherwise recommendations are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. In no event shall Treasure Actives (Cosmeceutical Actives International) assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. Treasure Actives expressly disclaims any representations and warranties of any kind, whether express or implied, as to the accuracy, completeness, non- infringement, merchantability, and/or fitness for a particular purpose (even if Treasure Actives is aware of such purpose) with respect to any information and recommendations provided. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product and does not imply that similar products could not be used. Treasure Actives reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.</p>
End of Safety data sheet	