



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Shikimic Acid
 Company : SOPHIX NATURAL AND AGRO PRODUCTS LTD
 5, Olayinka Owodunni Street, Off Sule Abore, Behind NNPC Filling Station, Ojodu Berger, Lagos
 Address:
 Telephone : +234 7061111838
 Fax : +234 7061111838
 Emergency Phone # : +234 7061111838

2. COMPOSITION/INFORMATION ON INGREDIENTS

Product Name	Shikimic acid	CAS-No.	138-59-0
Appearance	Light white powder	Specification	Powder

3. Hazards identification:

1- Potential no special Shikimic acid is classified as natural food and is essentially non- toxic.

4. First aid measures:

- 4.1- Eye Contact- check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
- 4.2- Skin Contact: Wash with soap and water. Get medical attention if irritation develops.
- 4.3- Serious Skin Contact: Not available.
- 4.4- Inhalation: Product is non-hazardous, however, excessive inhalation of dust can mechanically impede respiration.
- 4.5- Serious Inhalation: Not available.
- 4.6- Ingestion: Drink water, product is non-hazardous.
- 4.7- Serious Ingestion: Not Available
- 4.8- Storage: To maintain optimum performance of product store in tightly closed container in a cool & dry place. Keep container closed to avoid moisture pick up.

5. Fire-fighting measures:

- 5.1- Flammability of the Product: May be combustible at high temperature.
- 5.2- Auto-Ignition Temperature: Not available.
- 5.3- Flash Points: Not available.
- 5.4- Flammable Limits: Not available.
- 5.5- Fire Hazards in Presence of Various Substances: Not available.
- 5.6- Explosion Hazards in Presence of Various Substances:
- 5.7- Risks of explosion of the product in presence of mechanical impact: Not available.
- 5.8- Risks of explosion of the product in presence of static discharge: Not available.
- 5.9- Fire Fighting Media and Instructions: CO2, powder or water spray.
- 5.10- Special Remarks on Fire Hazards: Not available.
- 5.11- Special Remarks on Explosion Hazards: Not available.
- 5.12- Advice for Firefighters : Protective equipment: No special measures required.



6. Accidental release measures:

- 6.1- Personal precautions, protective equipment and emergency procedures : not required
- 6.2- Environmental precautions- No special measures required.
- 6.3- Methods and material for containment and cleaning up : Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

7. Handling and Storage:

It is recommended to use of dust respirators and goggles only if strong dust formation is to be expected when handling larger quantities.

8. Exposure controls / personal protection:

8.1- Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit

8.2- Personal Protective equipment: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

8.3- Respiratory Protection in Case of a Large Spill: Suitable respiratory protective device recommended.

8.4- Protection of hands: Not required.

8.5- Exposure Limits: Not available.

8.6- Eye protection: Suitable safety goggles recommended.

9. Physical and chemical properties:

9.1- Physical state and appearance: Free flowing powder, Lighte white powder

9.2- Odor: Not available.

9.3- Taste: Not available.

9.4- Molecular Weight: Not available.

9.5- Color brown powder

9.6- pH (2% soln/water): 6.5 – 7.5

9.7- Ash: Below 1%

9.8- Moisture: Below 5%

9.10- Boiling Point: Not applicable.

9.11- Melting Point: Not applicable.

9.12- Critical Temperature: Not available.

9.12- Specific Gravity: Not available.

9.13- Vapor Pressure: Not applicable.

9.14- Vapor Density: Not available.

9.15- Volatility: Not available.

9.16- Odor Threshold: Not available.

9.17- Water/Oil Dist. Coeff.: Not available.

9.18- Ionicity (in Water): Not available.

10. Stability and reactivity:

10.1- Chemical Stability: The product is stable under normal condition.

10.2- Thermal decomposition/conditions to be avoided: No decomposition if used according to specification.

10.3- Instability Temperature: Not available.

10.4- Conditions of Instability: Excess heat and moisture.

10.5- Special Remarks on Reactivity: Not available.

11. Toxicological information:

The extract powder is classified as natural food and is essentially nontoxic.

12. Ecological information:

This product does not cause a long term ecological problems. It is considered as biodegradable. It is assumed that release of large quantities of this product into watercourse will cause a reduction dissolved oxygen and could therefore contribute to BOD.

13. Advice on disposal:

Waste Disposal: Being a natural protein, the product is biodegradable. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport information:

UN-Number- Not applicable

UN Proper shipping name- Not applicable.

Transport hazard class(es)- Not applicable.

Packing group- Not applicable.

Environmental hazards- Not applicable.

Special precautions for users- Not applicable.

NO DANGEROUS GOODS ACCORDING TO TRANSPORT REGULATIONS. NO SPECIAL PRECAUTION REQUIRED.

Safe for transportation, by road, by sea and by air.

15. Regulatory information:

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

Laws and legislation on health , safety and environment for the substance or blend.

15.2- Chemical safety assessment- A Chemical safety assessment has not been carried out.

16. Other information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This MSDS is made references available with us. Mishandling of product will be the responsibility of stakeholder.

For any further details / Support please contact:

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