



Safety Data Sheet

TICA-algin 400 Powder

SECTION 1. Identification of the hazardous chemical or mixture and of the supplier or manufacturer

Name of the dangerous chemical or mixture:

Product number: 38920905
Product name: TICA-algin 400 Powder

Other means of identification:

Chemical family: No data available

Recommended use of the hazardous chemical or mixture, and restrictions of use:

Recommended use: Emulsifying, gelling, stabilizing and thickening agent
Restrictions on use: Not Available

Details of the supplier or manufacturer:

Ingredion Mexico, S.A. of C.V.
Corporate Andares Tower Paseo
Blvd. Puerta de Hierro #5153, Floor 22
Col. Fracc. Plaza Andares, C.P. 45116, Zapopan, Jalisco
Telephone: +52 (33) 3884-9000 (business hours)
Emergency Phone: 800-681-9531 (CHEMTREC) +1-703-741-5970
(Global CHEMTREC)

Phone number in case of emergency:

SECTION 2. Identification of the hazards

Classification of the hazardous chemical or mixture, according to the GHS:

GHS Classification: Not classified as hazardous in accordance with NOM-018-STPS-2015

Elements of signaling, including precautionary advice and precautionary pictograms:

Symbols:

No hazard symbols required

Word of warning:

No signal word needed.

Indication of danger:

No Hazard Statement needed.

Precautionary Statements:

No Precautionary Statement needed.

Other hazards that do not contribute to the classification:

No data available

SECTION 3. Composition / information on the components

For substances:

Chemical identity of the substance	CAS number	Concentration or concentration ranges
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regulations		
None classified as hazardous under the GHS regulations		

For mixtures:
Not applicable

SECTION 4. First aid

Description of first aid:

Inhalation:	When symptoms occur; go into open air and ventilate suspected area.
Eye contact:	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact:	Rinse with plenty of water.
Ingestion:	Rinse mouth. Do NOT induce vomiting.

Symptoms and most important effects, acute and chronic:

Dust from this product may cause minor eye irritation. Prolonged inhalation of dust may cause respiratory irritation. Dust may cause irritation in skin folds or by contact in combination with tight clothing.

Indication of the need to receive immediate medical attention and, where appropriate, special treatment:

No additional information available.

SECTION 5. Fire-fighting measures

Appropriate extinguishing media:

Suitable extinguishing media:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media:	Do not use a heavy water stream.

Specific hazards of hazardous chemical substances or mixtures:

Stable at ambient temperatures and under normal conditions of use. Combustible Dust. Dust explosion hazard in air. Supports combustion at high temperatures. Under conditions of fire this material may produce: Carbon dioxide. Carbon monoxide. Avoid dust clouds in combination with static electricity. Dust clouds can be explosive.

Hazardous combustion products:	Carbon monoxide, carbon dioxide.
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Special measures to be followed by fire fighting groups:

Exercise caution when fighting any chemical fire. Do not allow run-off from firefighting to enter drains or water courses. Do not enter fire areas without proper protective equipment, including respiratory protection.

SECTION 6. Measures to be taken in case of accidental spillage or accidental leakage

Personal precautions, protective equipment and emergency procedures:

Use appropriate personal protective equipment (PPE). Evacuate unnecessary personnel. Avoid generating dust. Handle in accordance with good industrial hygiene and safety practice. Good housekeeping is

needed during storage, transfer, handling, and use of this material to avoid excessive dust accumulation. Ventilate area.

Precautions relating to the environment:

Not available

Methods and materials for the containment and cleaning of spills or leaks:

Should not be released into the environment. Prevent entry to sewers and public waters.

SECTION 7. Handling and storage

Precautions that must be taken to ensure safe handling:

Take precautionary measures against static discharge. Handle in accordance with good industrial hygiene and safety procedures.

Conditions of safe storage, including any incompatibility:

Conditions for safe storage:

Keep only in the original container in a cool, well ventilated place away from: Direct sunlight. Heat sources. Keep container closed when not in use. Protect from moisture.

Other precautions:

None known

Materials to Avoid/Chemical Incompatibility:

Strong acids. Strong bases.

SECTION 8. Exposure controls / personal protection

Control parameters:

Chemical identity of the substance	Mexico - Occupational Exposure Limits - TWAs (LMPE-PPTs)	Mexico - Occupational Exposure Limits - STELs (LMPE-CTs)	Mexico - Occupational Exposure Limits - Ceilings (LMPE-Pico)	Mexico - Occupational Exposure Limits - BEIs (IBE)
No data available				

This product can produce a nuisance dust which should be maintained below a time weighted average of 10 mg/m3.

Appropriate technical controls:

Provide adequate ventilation to minimize dust concentrations. Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed.

Individual protection measures, such as personal protective equipment, PPE:

Eye and face protection:

Chemical goggles or safety glasses.

Skin protection:

Skin protection may be required depending on product temperature.

Gloves:

Wear protective gloves.

Respiratory Protection:

Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of dust are expected to exceed exposure limits.

Thermal hazards: Not available

SECTION 9. Physical and chemical properties

Appearance (physical state, color, etc.):

Pure Substance or Mixture: Pure
Physical state: Powder
Color: Light tan

Odor: Odorless

Odor threshold: Not available

Hydrogen potential, pH: Not available

pH in (1%) Solution: Not available

Melting point / freezing point:

Melting point: Not available
Freezing point: Not available

Initial point and boiling range: Not available

Flash point: Not applicable

Evaporation rate: Not applicable

Flammability (solid / gas): No

Upper/lower flammability or explosive limits:

Upper limit of flammability or
explosiveness: Not available
Lower limit of flammability or
explosiveness: Not available

Vapor pressure: Not available

Vapor density: Not available

Relative density: No data available

Solubility(s): Not available

N-octanol / water partition coefficient: Not available

Spontaneous ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Not available

Volatiles: None

Volatile Organic Chemicals (VOC): Not available

Other relevant information:

Molecular weight: Not available

SECTION 10. Stability and reactivity

Reactivity: Stable at ambient temperatures and under normal conditions of use.

Chemical stability:	Stable under normal conditions.
Possibility of dangerous reactions:	Hazardous polymerization will not occur.
Conditions to be avoided:	Direct sunlight. Extremely high or low temperatures. Protect from moisture. Use good housekeeping practices during storage, transfer, handling, to avoid excessive dust accumulation.
Incompatible materials:	Strong acids. Strong bases.
Hazardous decomposition products:	Under conditions of fire this material may produce: Carbon oxides (CO, CO ₂).

SECTION 11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information about the probable intake routes:	Eye Contact, Skin Contact, Inhalation, Ingestion.
Target Organs Potentially Affected by Exposure:	None known.
Symptoms related to physical, chemical and toxicological characteristics:	No data available
Toxic effects:	Not established.

Immediate and delayed effects, as well as chronic effects produced by a short or long term exposure:

Acute Toxicity:

Ingestion Toxicity:	Based on available data, the GHS classification criteria are not met.
Acute Toxicity - Dermal:	Based on available data, the GHS classification criteria are not met.
Inhalation Toxicity:	Based on available data, the GHS classification criteria are not met.

Skin Corrosion / Irritation: Rinse with plenty of water. Unlikely to cause harmful effects under recommended conditions of handling and use.

Eye Damage / Irritation: Based on available data, the GHS classification criteria are not met.

Respiratory Sensitization: Based on available data, the GHS classification criteria are not met.

Skin Sensitization: Based on available data, the GHS classification criteria are not met.

Mutagenicity: Based on available data, the GHS classification criteria are not met.

Reproductive and Developmental Toxicity: Based on available data, the GHS classification criteria are not met.

Carcinogenicity: Based on available data, the GHS classification criteria are not met.

STOT- single exposure: Based on available data, the GHS classification criteria are not met.

STOT- repeated exposure: Based on available data, the GHS classification criteria are not met.

Aspiration hazard: Based on available data, the GHS classification criteria are not met.

Numerical measures of toxicity (such as estimates of acute toxicity):

Chemical identity of the substance	LD50 Oral	LD50 Dermal	LC50 Inhalation
There is no known toxicity data available for the components or the product			

Interactive effects: No data available

SECTION 12. Ecotoxicological information

Toxicity: No information available.

Ecological Toxicity Data:

Chemical identity of the substance	CAS number	Aquatic LC50 Fish	Aquatic ERC50 Algae	Aquatic EC50 Crustacea
No data available				

Persistence and degradability: No data available

Bioaccumulation potential: No data available

Mobility in soil: Unknown

Other adverse effects: None known.

SECTION 13. Information regarding the disposal of the products

Description of the waste and information on how to handle it safely and its disposal methods , including the disposal of contaminated containers: Disposal should be in accordance with local, state or national legislation.

Empty Container Warnings: Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

SECTION 14. Transport information

DOT Classification: Not regulated

UN number: Not applicable

Official transportation designation of the United Nations: Not applicable

Class (s) of transportation hazards: Not applicable

Packing group, if applicable: Not applicable

Toxic Inhalation Hazard Zone: No data available

Environmental risks: No data available
Transport in bulk according to Annex II of MARPOL 73/78 and to the IBC Code (IBC).: No data available
Special precautions for the user: Consult IMO regulations before transporting in bulk by ocean.

SECTION 15. Regulatory information

Specific provisions on safety, health and the environment for hazardous chemical substances or mixture in question:

Mexico - Pollutant Release and Transfer Register

Chemical identity of the substance	CAS number	Reporting Emissions - Threshold Quantities	Reporting Emissions for Manufacturing, Process or Use -Threshold Quantities
No data available			

Mexico - National Inventory of Chemical Substances (INSQ).

Chemical identity of the substance	CAS number	Mexico - National Inventory of Chemical Substances (INSQ).
No data available		

Montreal Protocol on Substances that Deplete the Ozone Layer

Chemical identity of the substance	CAS number	Montreal Protocol on Substances that Deplete the Ozone Layer
No data available		

Stockholm Convention on Persistent Organic Pollutants

Chemical identity of the substance	CAS number	Stockholm Convention on Persistent Organic Pollutants
No data available		

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade

Chemical identity of the substance	CAS number	Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade
No data available		



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Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.

Chemical identity of the substance	CAS number	Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.
No data available		

SECTION 16. Other information including those related to the preparation and updating of the safety data sheets

Date of SDS preparation or last revision (mm-dd-yyyy): 03-27-2024

For product information, contact Ingredion Mexico, S.A. of C.V.
Customer Service: +52 (33) 3884-9000

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