

1. Identification of the substance or mixture and of the supplier

GHS product identifier:

Stock Number: 04400D04
Product Name: PURITY(TM) Alpha 806 flour

Other means of identification:

Chemical family: Carbohydrate

Recommendations and restrictions on use of the substance or mixture:

Recommended use: Food products
Restrictions on use: Not Available

Supplier's details (i.e. name, address, phone number(s)):

Ingredion (Thailand) Co., Ltd
40/14 Moo 12, Bangna-Trad Road,
Bangplee, Samutprakarn 10540
Thailand
Tel: +662-725-0200 (business hours)

Emergency phone number:

CHEMTREC - Emergency Telephone (Medical & Transport Incident With Product- 7Days/24 Hours)
The global (outside US) number: +1 703-741-5970
Australia: +(61)-290372994
China: 4001-204937
India: 000-800-100-7141*
Indonesia: 001-803-017-9114*
Japan: +(81)-3-4520-9637
Malaysia: +(60)-392125794
New Zealand: +(64)-98010034
Philippines: +(63) 2-395-3308, 1-800-1-322-0553*
Singapore: +(65)-31638374, 800-101-2201*
South Korea: +(82) 070-7686-0086, 080-880-0454*
Taiwan: +886-2-7741-4207*, 00801-49-1821*
Thailand: 1800014808*
Vietnam: +(84)-444581938
* Phone numbers for countries marked with an asterisk must be dialed within the country
SDS Requests and general information, please contact Local Customer Service: See phone numbers in Section 16

2. Hazards identification

Classification of the chemical in accordance with system of Hazardous Substances B.E. 2555:

GHS Hazard Symbols:

No hazard symbols required

GHS Classification of the substance or mixture, and national or regional information:

Hazardous to the aquatic environment - Acute Category 3

Signal Word:

No Signal Word needed.

Hazard Statements:

Harmful to aquatic life.

Precautionary Statements:**Prevention:**

Avoid release to the environment.

Disposal:

Dispose of contents/container to a suitable disposal site in accordance with local/national/international regulations.

Other hazards which do not result in GHS classification:

None known.

3. Composition/information on ingredients**Substance:**

Not applicable

Mixture:

| Chemical Name | CAS Number | Concentration (% by weight) |
|--------------------------|------------|-----------------------------|
| No hazardous components. | | |

4. First-aid measures**Description of necessary first-aid measures divided by relevant routes of exposure i.e. inhalation, skin, eye, and ingestion:**

Inhalation:

Remove to fresh air. Get medical attention if irritation persists.

Eye Contact:

Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart. If symptoms develop, obtain medical attention.

Skin Contact:

Wash skin with soap and water.

Ingestion:

None required.

Most important symptoms/effects, acute and delayed:

Possible physical irritant from dust particles. Potential for dust explosion.

Indication of immediate medical attention and special treatment needed, if necessary:

No further first aid information is available.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Dry Chemical, Carbon dioxide, Water Fog, Foam

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical e.g. hazardous combustion products that form when the substance or mixture burns:

Minimum ignition temperature of dust cloud- approx. 390 C. Minimum explosive concentration- approx. 80 mg/l. Minimum energy to ignite cloud by electrical spark- approx. 0.10 joules.

Hazardous combustion products:

This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.

Special protective equipment and precautions for fire-fighters:

No special procedures are required.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment as required.

Environmental precautions:

Not available

Methods and materials for containment and cleaning up:

Normal precautions for "nuisance dust" should be observed. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in suitable container for disposal.

7. Handling and storage

Precaution for safe handling and storage:

As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions:

Keep container closed when not in use.

Static Sensitivity:

Yes

Other precautions:

Use care to minimize dust generation in normal use conditions.

Avoid dispersing the powder in the air. Prevent buildup of powder on surfaces.

Materials to Avoid/Chemical Incompatibility:

None known

8. Exposure controls/personal protection

Control parameters e.g. occupational exposure limit values, biological limit values:

| Chemical Name | Thailand - Occupational Exposure Limits - TWA's | Thailand - Occupational Exposure Limits - STEL's | Thailand - Occupational Exposure Limits - CEIL's |
|-------------------|---|--|--|
| No data available | | | |

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

Appropriate engineering controls: General.

Individual protection measures e.g. personal protective equipment:

Respiratory Protection: NIOSH approved dust mask.

Eye protection: Safety glasses recommended.

Skin protection: Skin protection may be required depending on product temperature.

Gloves: Gloves are not normally required for foreseeable conditions of use.

Other protective equipment: Not normally required. Not applicable.

General hygiene conditions: Wash before eating, drinking, or using toilet facilities.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Pure Substance or Mixture: Pure

Physical State: Powder

Color: Off-white

Odor: Typical

Odor Threshold: Not available

pH: Not available

pH in (1%) Solution: Approximately 6

Melting point/freezing point:

Melting Point: Not available

Freezing point: Not available

Initial boiling 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 flammability or explosive limits: Not available

| | |
|---|----------------|
| Lower flammability or explosive limits: | Not available |
| Vapor pressure: | Not available |
| Vapor density: | Not available |
| Relative density: | 1.5 |
| Solubility: | Insoluble |
| Partition coefficient: n-octanol/water: | Not available |
| Heat of Decomposition: | Not available |
| Auto-ignition temperature: | Not available |
| Decomposition temperature: | Not available |
| Viscosity: | Not applicable |
| Volatiles: | None |
| Volatile Organic Chemicals: | Not applicable |

10. Stability and reactivity

| | |
|-------------------------------------|---|
| Reactivity: | Not expected to be reactive |
| Chemical stability: | Stable |
| Possibility of hazardous reactions: | Hazardous polymerization will not occur. |
| Conditions to avoid: | None known |
| Incompatible materials: | None known |
| Hazardous decomposition products: | This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water. |

11. Toxicological information

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

| | |
|---|---|
| Information of the likely routes of exposure: | Ingestion, Inhalation, Skin Contact, Eye Contact |
| Target Organs Potentially Affected By Exposure: | Not applicable. |
| Symptoms related to physical, chemical and toxicological characteristics: | No data available |
| Toxic Effects: | This product is considered as being non-toxic. Use of good industrial hygiene practices is recommended. |

Delayed and immediate effects and also chronic effects from short- and 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: | Low order of toxicity. Unlikely to cause harmful effects under recommended conditions of handling and use. |
| Serious eye damage/irritation: | Based on available data, the GHS classification criteria are not met. |
| Respiratory sensitisation: | Based on available data, the GHS classification criteria are not met. |
| Skin sensitisation: | Based on available data, the GHS classification criteria are not met. |
| Germ cell mutagenicity: | Based on available data, the GHS classification criteria are not met. |
| Reproductive Toxicity: | Based on available data, the GHS classification criteria are not met. |
| Carcinogenicity: | No. |
| Specific Target Organ Toxicity (STOT)-single exposure: | Based on available data, the GHS classification criteria are not met. |
| Specific Target Organ Toxicity (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 acute toxicity estimates):

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|--|-----------|-------------|-----------------|
| There is no known toxicity data available for the components or the product. | | | |

12. Ecological information

Toxicity (aquatic and terrestrial): No information available.

Ecological Toxicity Data:

| Chemical Name | CAS Number | Aquatic LC50 Fish | Aquatic ERC50 Algae | Aquatic EC50 Crustacea |
|-------------------|------------|-------------------|---------------------|------------------------|
| No data available | | | | |

| | |
|---------------------------------------|-------------------|
| Persistence and degradability: | No data available |
| Bioaccumulative potential: | No data available |
| Mobility in soil: | Unknown |
| Other adverse effects: | None known. |

13. Disposal considerations

Description on waste residue and safety transfer method, including appropriate disposal methods of waste residues and contaminated packaging:

Disposal should be in accordance with local, state or national legislation.

14. Transport information

UN Transport classification: Not regulated
UN Number: Not applicable
Proper shipping name or technical name: Not applicable
Transport hazard class: Not applicable
Packing group: Not applicable
Toxic Inhalation Hazard Zone: No data available

Environmental hazards (e.g., Marine pollutant (Yes/No)): No data available

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): No data available

Special precautions for users, which a user needs to be aware of or needs to comply with in connection with transport either inside or outside the business site: Consult IMO regulations before transporting in bulk by ocean.

15. Regulatory information

Safety, health and environmental regulations:

TSCA Status: This material is not on the TSCA Inventory. It is excluded under the Food, Drug, and Cosmetic Act.
 This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C. 2601 et. seq.

FDA 21CFR182.1.

Thailand - Toxic Chemical Substance List

| Chemical Name | CAS Number | Thailand - Toxic Chemical Substance List |
|-------------------|------------|--|
| No data available | | |

Thailand - Priority Management Chemical List

| Chemical Name | CAS Number | Thailand - Priority Management Chemical List |
|-------------------|------------|--|
| No data available | | |

Thailand - Thailand Explosive Substance and Precursors

| Chemical Name | CAS Number | Thailand - Thailand Explosive Substance and Precursors |
|-------------------|------------|--|
| No data available | | |

Montreal Protocol on Substances that Deplete the Ozone Layer,

| Chemical Name | CAS Number | Montreal Protocol on Substances that Deplete the Ozone Layer, |
|-------------------|------------|---|
| No data available | | |

Stockholm Convention on Persistent Organic Pollutants

| Chemical Name | 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 Name | CAS Number | Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade. |
|-------------------|------------|---|
| No data available | | |

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

| Chemical Name | CAS Number | Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal. |
|-------------------|------------|--|
| No data available | | |

16. Other information, including date of preparation or last revision.

Revision Date: 08-06-2024
 Supersedes: 12-09-2022
 Revision Number: 5
 Reason for revision: New

For Information Contact Thailand:



Safety Data Sheet

PURITY(TM) Alpha 806

Ingredion (Thailand) Co., Ltd
Customer Service: +66-2-725-0200

Disclaimer:

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