

I. IDENTIFICATION

Product identifier used on the label:

UNI-PURE® F5

Other means of identification:

Chemical family:

Starch

Distributed by:

Univar Solutions USA

3075 Highland Pkwy Ste 200

Downers Grove, IL 60515

Telephone: 1-855-429-2661

Emergency phone number:

CHEMTREC 1-800-424-9300

Recommended use of the chemical and restrictions on use:

Recommended use:

Pharmaceutical Excipients as Ingredient.

Restrictions on use:

Not Available

Manufacture at:

Ingredion India Contract manufacturer
226/I Rawal Industrial Estate, Dadanagar,
Dondaicha-425408, Dist: Dhule,
Maharashtra, India.

Marketed by:

Amishi Drugs & Chemicals Private Limited.
(A wholly owned subsidiary of Ingredion India. Pvt. Ltd.)
Plot No. 621, 622, Phase IV GIDC, Naroda,
Ahmedabad 382330, Gujarat-India
CIN: U24230GJ2005PTC046996
E mail: pharma.support@ingredion.com

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

Hong Kong: 800-968-793*

India: 000-800100-7141*

Indonesia: 001-803-017-9114*

Japan: +(81)-3-4520-9637

Malaysia: +(60)-392125794, 1-800-815-308*

New Zealand: +(64)-98010034

Philippines: +(63) 2-395-3308, 1-800-1-116-1020*

Singapore: +(65)-31581349, 800-101-2201*

South Korea: +(82) 070-7686-0086, 00-308-13-2549*

Taiwan: +886-2-7741-4207*, 00801-148954*

Thailand: 001-800-13-203-9987*

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. HAZARD(s) IDENTIFICATION

Classification of the chemical in accordance with the Hazard Classification and Communication System of Hazardous Substances B.E. 2555 (2012):

GHS Hazard Symbols:	No hazard symbols required
GHS Classification:	Not Classified by GHS criteria
Signal Word:	No Signal Word needed.
Hazard Statements:	No Hazard Statement needed
Precautionary Statements:	No Precautionary Statement needed.
Hazards not otherwise classified:	None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Common name and synonyms	CAS #	%
No hazardous components	---	-----	--

4. FIRST-AID MEASURES

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation:	Remove to fresh air. Seek medical attention if symptoms persist.
Eye Contact:	Flush with plenty of water or eye wash solution for 15 mints. Get medical attention if irritation persists.
Skin Contact:	Not harmful but wash skin with soap and water.
Ingestion:	N/A.
Most important symptoms/effects, acute and delayed:	None known
Indication of immediate medical attention and special treatment needed, if necessary:	None known.

5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:	Dry Chemical, Carbon dioxide (CO ₂), Water
Unsuitable extinguishing media:	None known.
Specific hazards arising from the chemical:	None known.

Hazardous combustion products: None.

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.

Methods and materials for containment and cleaning up: Vacuum up with explosion proof vacuum cleaner. Sweep if off & throw it out in particular place.

7. HANDLING AND STORAGE

Precautions for safe handling: Do not eat while working. Wear safety glasses, Keep away excessive heat.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions: Store in a clean, dry area at ambient temperature away from sunlight, moisture, and odorous material, preserve in well closed container. Do not stack more than 8' height.

Special Sensitivity: Not available

Sensitivity to Static Electricity: None Known

Other Precautions: None Known

Materials to Avoid/Chemical Incompatibility: No data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety:

Chemical component	Exposure Limits
Not listed.	---

Appropriate engineering controls: Provide mechanical exhaust when dumping bags.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: Ventilation or NIOSH-approved respiratory devices if dumping bags.

Respirator Type(s): NIOSH approved dust mask.

Eye protection:	Safety goggles should be worn.
Skin protection:	Use clothing that provides comprehensive protection to the skin.
Gloves:	Use protective gloves.
Other protective equipment:	Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
General hygiene conditions:	Normal work and hygienic practices for handling non-hazardous powdered material

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color etc.):	
Physical state:	Powder
Color:	White powder
Odor:	Odorless
Odor Threshold:	Not available
pH:	4.50 to 7.00
Melting point/freezing point (°C):	
Melting Point (°C):	185 °C
Freezing point (°C):	No data available
Initial boiling point and boiling range (°C):	No data available
Flash Point (°C):	NA
Flash Point Method:	Not available
Evaporation Rate:	N/A
Flammability (solid, gas):	Not available
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	Not available
Lower flammability or explosive limits:	Not available
Vapor pressure:	N/A
Vapor density:	N/A
Relative density:	1.40 to 1.60
Solubility:	Insoluble in water
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature (°C):	No data available
Decomposition temperature (°C):	Not available
Viscosity:	Not available
Heat of decomposition:	Not available
Volatiles by weight:	Not available
Volatile Organic Chemicals:	Not available
Molecular formula:	Not available
Molecular weight:	Not available
Liquid density:	Not available
Bulk Density:	Not available

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 (e.g., static discharge, shock, or vibration):	Stable under normal condition.
Incompatible materials:	Avoid strong oxidizers.
Hazardous decomposition products:	Oxides of Carbon.

11. TOXICOLOGICAL INFORMATION

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

Information on the likely routes of exposure (inhalation, ingestion, skin, and eye contact):	No data available
Target Organs Potentially Affected by Exposure:	None known
Chemical Interactions that Change Toxicity:	None known
Symptoms related to the physical, chemical and toxicological characteristics:	No data available

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Ingestion Irritation:	No data available
Ingestion Toxicity:	None known.
Skin Contact:	None known.
Absorption:	No data available
Inhalation Irritation:	No data available
Inhalation Toxicity:	No data available
Eye Contact:	None known.
Chronic effects:	None known.
Inhalation:	No data available
Skin Contact:	No data available
Skin Absorption:	No data available
Ingestion:	No data available
Sensitization:	None known.
Mutagenicity:	No data available
Reproductive and Developmental Toxicity:	No data available
Carcinogenicity:	No data available
STOT-single exposure:	No data available

SAFETY DATA SHEET

UNI-PURE® F5

STOT-repeated exposure: Not applicable.
 Aspiration hazard: No data available
Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
No data available	---	---	---

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available): No ecological hazards are associated with this product.

Ecological Toxicity Data:

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

Persistence and degradability: None known
 Bio accumulative potential: No data available
 Mobility in soil: Unknown
 Other adverse effects (such as hazardous to the ozone layer): None known

13. DISPOSAL CONSIDERATIONS

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging: Do not put into sewer lines. 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.

14. TRANSPORT INFORMATION

Carriage of dangerous goods by road (DOT), rail or inland waterways:

UN number: No data available
 UN Proper shipping name: Not Applicable

Transport hazard class(es):	Not Applicable
Packing group, if applicable:	Not Applicable
DOT Basic description:	Not regulated

International carriage of dangerous goods by sea (IMDG/IMO):

UN number:	No data available
UN Proper shipping name:	Not Applicable
Transport hazard class(es):	Classified as not dangerous for transport
Packing group, if applicable:	Not Applicable

International carriage of dangerous goods by air (IATA):

UN number:	No data available
UN Proper shipping name:	Not Applicable
Transport hazard class(es):	Not Applicable
Packing group, if applicable:	Not Applicable
Environmental hazards (e.g., Marine pollutant (Yes/No)):	Not available
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	Not available
Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises:	Consult IMO regulations before transporting in bulk by ocean.

15. Regulatory information

Safety, health, and environmental regulations specific for the product in question:

TSCA	Not on TSCA Inventory and shall not be entered into commerce. It is to be used solely for research and development purposes under the supervision of a technically qualified individual.
FDA	21CFR182.1.

India - Hazardous Substance:

Chemical Name	CAS #	Hazardous Substances	Hazardous Substances - Duties and Civil Liabilities	Hazardous substances - FDA Responsible Substances
No data available	---	---	---	---

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION.

Revision Date: 26-July-2023

Supersedes: None

Revision Number: 00

Reason for revision: New

For information contact: **India**

Amishi Drugs & Chemicals Private Limited.

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Ahmedabad 382330, Gujarat – India

CIN: U24230GJ2005PTC046996

E mail: pharma.support@ingredion.com

Other Information: None known.

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