

SAFETY DATA SHEET

FARMAL® CCS (Croscarmellose Sodium)

I. IDENTIFICATION

Product identifier used on the label: FARMAL® CCS
Croscarmellose Sodium.

Product Code: 004.

Other means of identification:

Chemical family: Not available

Recommended use of the chemical and restrictions on use:

Recommended use: Pharmaceutical Excipient.

Restrictions on use: Not Available

Manufacture at: 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: +91 79228 21857

2. HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200

Signal Word: None
Hazard Statements: Not a hazardous substance according to GHS.
Hazard Symbols: None
Precautionary Statements: None
Hazards not otherwise classified: No Data available
Ingredient with unknown acute toxicity mixture: No Data available

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Chemical Name:	Croscarmellose Sodium.
Common Name & Synonyms:	A cross -linked polymer of Carboxymethyl cellulose Sodium.
CAS Number:	74811-65-7.
Purity:	100%.

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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:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
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. Cold water must be used. Get medical attention if irritation occurs.
Skin Contact:	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.
Ingestion:	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt, or waistband.
Most important symptoms/effects, acute and delayed:	No data available
Indication of immediate medical attention and special treatment needed, if necessary:	No data available

5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Suitable: Water spray, Carbon dioxide, dry chemical powder, or Appropriate foam.
Special hazards arising from the chemical (e.g., Nature of any hazardous combustion products.):	Combustible Class-3.
Special protective equipment and precautions for fire-fighters:	Normal, None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:	Use proper personal protective equipment as indicated in section 8.
Methods and materials for containment and cleaning up:	Sweep up, place in a bag, and hold for waste disposal. Avoid raising dust, ventilate area and wash spill site after material pickup is complete.

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7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid inhalation. Avoid contact. Do not contact eyes, Skin, clothing.
Conditions for safe storage, including any incompatibilities:	Store in well-closed airtight containers and protect from moisture.

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	Not listed.
Exposure Limits	Not available.
Appropriate engineering controls:	Safety shower and eye bath. Mechanical exhaust or other engineering controls to keep airborne levels below recommended exposure limits.
Individual protection measures, such as personal protective equipment:	Wash thoroughly after handling. Wash contaminated clothing before reuse. • Respiratory Protection : Wear dust mask. • Hand Protection : Protective gloves. • Eye Protection : Chemical safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color etc.):	
Physical state:	Powder
Color:	White or greyish-white, hygroscopic powder.
Odor:	Odorless.
Odor Threshold:	Not available
pH:	5.0 to 7.0 (1% soln. in purified water)
Melting point/freezing point (°C):	Decomposes.
Initial boiling point and boiling range (°C):	Not available.
Flash Point (°C):	Not available.
Evaporation Rate:	Not available.
Flammability (solid, gas):	Class-3 Combustible (Localized Combustion or glowing without flame).
Upper/lower flammability or explosive limits:	Not available.
Vapor pressure:	Not available
Vapor density:	Not available
Relative density:	0.35 to 0.7
Solubility:	Insoluble in water
Partition coefficient: n-octanol/water:	Not available

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Auto-ignition temperature (°C):	Not available
Decomposition temperature (°C):	Not available
Viscosity:	Not available

10. STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical stability:	The product is stable.
Possibility of hazardous reactions:	Not available
Conditions to avoid (e.g., static discharge, shock, or vibration):	Not available
Incompatible materials:	Not available
Hazardous decomposition products:	Not available

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
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 information available.
Ingestion Toxicity:	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	No information available.
STOT-single exposure	No information available.
STOT-repeated exposure	No information available.
Carcinogenic Effects :	Not available
Mutagenic Effects :	Not available
Teratogenic Effects:	Not available
Developmental Toxicity :	Not available
Aspiration hazard	No information available.
Numerical measures of toxicity (such as acute toxicity estimates)	
Chemical Name	No data available
LD50 Oral	Not available
LD50 Dermal	Not available
LC50 Inhalation	Not available

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12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available):	Not available
Persistence and degradability:	No data available
Bio accumulative potential:	No data available
Mobility in soil:	No data available
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:

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental 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:	No data available
Dangerous for the environment:	No
Marine pollutant:	No
Other information:	No supplementary information 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:	No data available

15. Regulatory information

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

Substance Name	EINECS	SVHC
No data available		

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

Revision Date: 25-Jan-2024

Supersedes: None

Revision Number: 06

Reason for revision: New

For information contact: **India**

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CIN: U24230GJ2005PTC046996

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Other Information: None known.

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