



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: Westco HC-200

Other means of identification:

Product Description: Emulsion stabilizing starch derived from waxy maize
Synonyms: Hydrolyzed Corn Starch Octenylsuccinate, Modified Starch

Recommended use of the chemical and restrictions on use:

Chemical distributor, or other responsible party Name, address, and telephone number:

Distributor Name: Western Reserve Chemical Corporation
Address: 4837 Darrow Road
Stow, OH 44224
USA
General Phone Number: 330 650 2244
General Fax Number: 330 650 2255

Emergency phone number:

Emergency Phone Number: Chemtrec 1 800 424 9300 USA
Website: www.wrchem.com

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

GHS Class: No classification according to GHS (Globally Harmonized System of labeling and classification of chemicals).

Hazard Statements: Possible physical irritant from dust particles. Potential for flammable or explosive dust mixtures.

Hazards not otherwise classified that have been identified during the classification process:

Route of Exposure: Eyes. Skin. Inhalation. Ingestion. Eyes. Skin. Inhalation. Ingestion.

Potential Health Effects: Unlikely to cause harmful effects under recommended conditions of handling and use.

Eye: Particulates may scratch eye surfaces and cause mechanical irritation.

Skin: May cause itching and redness. Not expected to be a hazard in normal use.

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

Ingestion: Not expected to be toxic by ingestion.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Hydrolyzed Corn Starch Octenylsuccinate	Mixture	MIXTURE %	

SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact: Flush eyes with large amounts of water for 15 minutes with eyelids open. If irritation persists seek medical attention.

Skin Contact: Wipe off excess material. Flush exposed area with water and wash with soap and water if possible. If redness or irritation occurs seek medical attention.

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

Ingestion: DO NOT induce vomiting! Give victim water or milk if conscious. Seek medical attention.

Indication of immediate medical attention and special treatment needed:

Note to Physicians: No specific antidote. Treat symptomatically.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media: Dry Chemical; CO2; Water Fog; Foam

Specific hazards arising from the chemical:

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

Fire Fighting Instructions: Clear area of all non-emergency personnel. Do not enter confined fire space without full bunker gear including a positive pressure self-contained breathing apparatus. Isolate fuel supply from fire.

Notes : Minimum ignition temperature of dust cloud- approx. 390 C. Minimum explosive concentration- approx. 62 mg/l. Minimum energy to ignite cloud by electrical spark approx. 0.045 joules.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personnel Precautions: Always wear recommended personal protection equipment (PPE), such as safety glasses, dust mask or gloves when cleaning up spilled material.

Environmental precautions:

Environmental Precautions: Spilled product is not considered an RCRA Hazard Waste per 40 CFR 261.3.

Methods and materials for containment and cleaning up:

Spill Cleanup Measures: Shovel solid product directly into disposal drums.

Methods and materials for containment and cleaning up:

Methods for containment: SPILL AND LEAK PROCEDURES 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

SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

Handling: Use with adequate ventilation. Use care to minimize dust generation in normal use conditions. Avoid dispersing the powder in the air. Prevent buildup of powder on surfaces.

Hygiene Practices: Follow good industrial hygiene practices when handling this material.

Conditions for safe storage, including any incompatibilities:

Storage: Storage/Transport Temperature, degrees F (C) 40 – 90 (4.4 – 32.2)

Specific end use(s):

Work Practices: Safety showers and eye wash stations should be available.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Appropriate engineering controls:

Engineering Controls: Use appropriate engineering controls such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Individual protection measures:

Eye/Face Protection: Chemical goggles Eyewash station in work area.

Skin Protection Description: Protective clothing if skin contact is expected.

Hand Protection Description: Chemical resistant rubber gloves

Respiratory Protection: Use of any respirator will be compliant to OSHA's Respiratory Protection Standard, 29CFR1910.134.

PPE Pictograms:



SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State:	Solid
Physical State Appearance:	Powder
Color:	White
Odor:	Starch
Specific Gravity:	1.5
Solubility:	Soluble
Vapor Density:	Not applicable.
Vapor Pressure:	Not applicable.
Percent Volatile:	None
Evaporation Rate:	Not applicable.
pH:	Approximately 4
Molecular Weight:	> 10000
Viscosity:	Not Applicable
Flash Point:	Not applicable.
Lower Flammable/Explosive Limit:	Not Applicable
Upper Flammable/Explosive Limit:	Not Applicable

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability:

Chemical Stability: Stable.

Conditions To Avoid:

Conditions to Avoid: Strong oxidizing agents, acids and water

Hazardous Decomposition Products:

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

SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Chronic Effects: This product is considered as being non-toxic. Use of good industrial hygiene practices is recommended.

Carcinogenicity: There is no evidence that this product poses a carcinogenic risk under normal conditions of handling and use.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:

Ecotoxicity: No Data

Bioaccumulative potential:

Bioaccumulation: Unknown.

Other adverse effects:

Effect of Material On Aquatic Life: None Established

Notes : Not listed as a carcinogen by IARC, NTP or OSHA

SECTION 13 : DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal: Dispose of in accordance with applicable federal, state and local regulations. Waste generators must determine whether discarded material is to be classified as a hazardous waste. If released into the environment, the user must determine whether it should be reported to the appropriate authorities.

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

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Not Regulated.

IATA Shipping Name: Not Regulated.

IMDG Shipping Name : Not Regulated.

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

TSCA Inventory Status: All components of this product are listed in the TSCA inventory of Chemical Substances.

SARA: This product does not contain any material regulated under Title III, Sections 302,311/312, 313

RCRA 261.33 Code: Not a RCRA Waste

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 1

HMIS Fire Hazard: 1

HMIS Reactivity: 0

HMIS Personal Protection: J

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	J

SDS Creation Date: February 03, 2016

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Notes :

Important Note: This information relates to the specific product described herein and may not be valid for this material when used in combination with other raw materials. The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.

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