

WESTERN RESERVE CHEMICAL

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MATERIAL SAFETY DATA SHEET

WESTCO WAXY MAIZE

(CORN STARCH AMYLOPECTIN)

CAS # 9037-22-3

1. Product Identifications

Product Name:	Westco Waxy Maize (Corn Starch Amylopectin)
Chemical Name:	Amylopectin
Chemical Formula:	$(C_6H_{10}O_5)_n$

2. Physical Description/Properties

Melting Point (C°Min):	Decomposes around 250°C before melting point is reached
Appearance:	White powder
Odor:	None
Solubility:	Slightly soluble in cold water, more soluble in hot water.

3. Hazard Information

Combustable.
Keep away from heat, sparks and flame.
Eye irritant-Can cause redness, tearing and swelling.
Skin contact may cause allergic reaction.
Inhalation may cause upper respiratory irritation.
Ingestion of small quantities not expected to be harmful.

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4. First Aid Information

Skin:	Remove contaminated clothing and wash before re-use. Immediately wash contaminated skin with running water.
Ingestion:	Immediately rinse mouth with water.
Eyes:	Flush with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation:	Remove person to fresh air. Get immediate medical attention if breathing is difficult or short.

5. Handling and Storage

Storage:	Store under dry conditions (Maximum 70% humidity) and protect from heat
Stability in storage:	36 months from production

6. Employee Protection Recommendations

The employee should wear protective clothes and avoid direct physical contact with the product.

Eye Protection: Wear chemical safety glasses or goggles

Hand Protective Requirements: Wear protective gloves.

Skin Protective Requirements: Wear overalls.

Ventilation: Local exhaust

7. Toxicological Information

Low toxicity

LD50 acute oral for rats: NA

LD50 acute skin for rats: NA

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8. Fire and Explosion Data

Flash point:	NA
Exposure standard limits:	Not available
Extinguish Media:	Spray water, Carbon Dioxide, foam, sand or dry chemical.

9. Reactivity

Chemical stability: Stable when stored in original container protected from heat and moisture.

Hazardous Polymerization: Does not occur.

Materials to avoid: Strong oxidizers.

Hazardous products of decomposition: Carbon monoxide, carbon dioxide.

10. Accidental Release and Disposal

Spills: Sweep and place in closable container. Wear appropriate protective clothing and safety devices. Do not use water to remove spilled material.

Disposal: Bury waste and empty containers in licensed landfill in adherence to federal, state and local regulations.

11. Transportation Information

DOT Status	Not regulated
DOT shipping name	None
DOT reportable qty. (lbs)	None
ICAO/IATA Status	Not regulated
Proper shipping name	None
UN/NA number	None
IMDG Status	Not regulated
TDG Canada	Not regulated

12. Regulatory Information

TSCA (USA):	Exempt from reporting under the Inventory update rule.
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US Regulatory Rules	
SARA Section 302:	None found
SARA 311/312 Hazard Categories:	Not Hazardous
SARA 313 Chemical:	None
Other Regulations:	
California Proposition 65:	None
New Jersey Right-to-Know List:	NA
Pennsylvania Right-to-Know List:	NA
Florida Right-to-Know List:	NA
Minnesota Right-to-Know List:	NA
MA Right-to-Know List:	NA

13. Other Information

HMIS Classification Health 0 Flammability 2 Reactivity 0

Important Note: 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.