



Effective: 09/25/15

Reviewed: 09/20/15

SAFETY DATA SHEET

Section 1 Product Identification

Product Name: MSP[RS] Resistant Starch
Manufacturer Details: MSP Starch Products Inc.
Box 850, 10 Fredrick St.
Carberry, MB R0K0H0
Emergency Number: 204-834-2702

Section 2 Hazard Identification

Not classified for physical or health hazards by GHS.

Hazards not otherwise classified – Combustible Dust
May form combustible dust with certain concentration of air.

Precautionary Statements:

Inhalation - Treat as nuisance dust.
Skin Contact – Drying of skin, no adverse effects expected
Eye Contact – Irritant, no adverse effects expected

HMIS RATINGS:

Health Hazard: 0
Fire Hazard: 1
Reactivity Hazard: 0

Section 3 Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Chemical Formula</u>
Solanum Tuberosum Extract	9005-25-8	99+%	C ₆ H ₁₀ O ₅

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Section 4 First Aid Measures

Inhalation:	Remove to fresh air. Seek medical attention if breathing is difficult.
Skin Contact:	Wash with soap and water. Seek medical advice if irritation develops.
Eye Contact:	Rinse/flush eye(s) gently, as needed. Seek medical attention if irritation persists.
Ingestion:	Rinse mouth thoroughly. Do not induce vomiting. Seek medical attention if irritation or discomfort persists.

Section 5 Fire Fighting

Fire:	Automatic ignition temperature >380 C.
Explosion:	Fine dust dispersed in the air and the presence of an ignition source has the potential for a dust explosion.
Fire Extinguishing Media:	Use water spray and/or ABC extinguisher.
Protective Equipment:	Use NIOSH-approved respiratory protection/breathing apparatus.
Additional Precautions:	Move products/material away from fire or keep cool with water spray. Use spark proof tools and explosion proof equipment.

Section 6 Accidental Release

Remove all ignition sources. Wear appropriate PPE. Clean up in a manner that does not disperse dust and use equipment that does not spark (ie. Avoid using compressed air). Vacuum when possible. Dust deposits should not be allowed to accumulate. Ensure adequate ventilation.

Section 7 Handling and Storage

Store in a cool dry place and protect from damage. Store in an odor free area. Store away from heat source. Do not expose to open flame or sparks. Empty containers may

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contain dust residues and should be handled with care to prevent the possibility of a dust explosion.

Section 8 Exposure Controls and PPE

Airborne Exposure limits:

OSHA PEL: 15mg/m³ respirable fraction

ACGIH TVL: 10mg/m³ total dust (no asbestos and <1% crystalline silica)

Ventilation System: Where dust levels may exceed airborne limits, exhausting of dust is recommended.

Personal Respirators: Use NIOSH approved respirators when levels are above airborne exposure limits and engineering controls are not feasible.

Section 9 Physical and Chemical Properties

Appearance and odor: Dry white powder, bland odor

Boiling point: N/A

Specific gravity: 1.45 – 1.6

Melting point: N/A

% volatile: N/A

Vapor pressure: N/A

Evaporation rate: N/A

Vapor density: N/A

Water solubility: Negligible

pH: 5.5 – 7.5 (typical)

Section 10 Stability and Reactivity

Stability: Stable under normal conditions of use and storage

Reactivity: Non-reactive under normal conditions

Hazardous Decomposition: Heavy black acrid smoke, Carbon Oxides (CO, CO₂)

Hazardous Polymerization: Does not occur

Incompatibilities: Strong oxidizers. Strong acids. Strong bases.

Conditions to avoid: Flames, heat, and ignition sources

Section 11 Toxicological Information

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Carcinogenicity: This material is not considered a carcinogen by the National Toxicology Program, the International Agency for Cancer Research, or OSHA. LD50/LC50: No information found

Section 12 Ecological Information

Environmental Fate: Information not found
Environmental Toxicity: Information not found

Section 13 Disposal Considerations

Waste Disposal Recommendation:
It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities. Consult provincial and local regulations regarding the proper disposal.

Section 14 Transport Information

Not Regulated

Section 15 Regulatory Information

CAS No.: 9005-25-8
Chemical Weapons Convention: No
TSCA 12(b): No
CDTA: No

Section 16 Other

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