



MSP Potato Starch  
Effective: 01/01/04

Emergency Telephone:  
(204) 834-2702

## MATERIAL SAFETY DATA SHEET

### **Section I** Product Identification

Product Name: MSP Potato Starch  
Material: Potato Starch  
CAS No.: 9005-25-8  
Chemical Formula: (C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)

### **Section II** Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Hazardous</u>
Potato Starch	9005-25-8	99+%	No

### **Section III** Hazard Identification

Inhalation: Treat as nuisance dust.  
Skin Contact: No adverse effects expected  
Skin Absorption: None  
Eye Contact: No adverse effects expected but may cause some irritation  
Ingestion: Is non-toxic

HMIS RATINGS:

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

### **Section IV** First Aid Measures

Inhalation: Remove to fresh air. Get medical attention if breathing is difficult.  
Skin Contact: Wash with soap and water. Get medical advice if irritation develops.

## **Section IV** **First Aid Measures – Continued**

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Eye Contact: Wash thoroughly with running water. Get medical advice if irritation develops.

Ingestion: Is non-toxic.

## **Section V** **Fire Fighting**

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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. Minimum ignition temperature is >430 C.

Fire Extinguishing Media: Use water spray.

## **Section VI** **Accidental Release**

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Remove all ignition sources. Wear appropriate PPE. Clean up in a manner that does not disperse dust and use equipment that does not spark.

## **Section VII** **Handling and Storage**

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

## **Section VIII** **Exposure Controls and PPE**

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Airborne Exposure limits:  
OSHA PEL: 15mg/m<sup>3</sup> respirable fraction  
ACGIH TVL: 10mg/m<sup>3</sup> total dust (no asbestos and <1% crystalline silica)

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

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**Section VIII Exposure Controls and PPE – Continued**

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

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**Section IX Physical and Chemical Properties**

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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)

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**Section X Stability and Reactivity**

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Stability: Stable under normal conditions of use and storage  
Hazardous Decomposition: Heavy black acid smoke  
Hazardous Polymerization: Does not occur  
Incompatibilities: Strong oxidizers  
Conditions to avoid: Flames, heat, and ignition sources

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**Section XI Toxicological Information**

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

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**Section XII Ecological Information**

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

## **Section XIII** **Spill, Leak, and Disposal Considerations**

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Aquatic toxicity classification:	N/A
Procedure of release, spill:	Wear a dust mask and clean up using methods that minimize the formation of airborne dust.
Disposal method:	Small quantities may be swept up and shoveled into an approved container. Comply with all applicable local, provincial or state, and federal regulations of waste disposal.
Neutralizing chemicals:	Not required.

## **Section XIV** **Transport Regulation**

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Not Regulated

## **Section XV** **Regulatory Information**

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

## **Section XVI** **Other**

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Enforce "No Smoking Rules". Excessive concentrations of nuisance dusts in workroom air may seriously reduce visibility.

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