



**Cargill Plus 08505**



Distributed by:  
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**1. Identification of the Substance or Preparation**

Package labelling	Dextrin
Package labeling US	Dextrin
EINECS No	2326754
CAS No	9004-53-9

**2. Health Hazards**

Skin contact: Normally, not harmful to skin, though prolonged exposure should be avoided, and good personal hygiene is essential.

Eye contact: Dust in the eyes will cause physical irritation.

Inhalation: Dust is of nuisance value only.

Ingestion: May cause some passing discomfort and poses no hazard.

**3. Relevant Information on Ingredients**

Polysaccharide.  
Moisture: 3-8 % wt.

**4. First Aid Measures**

Skin contact: Not applicable.

Eye Contact: Irrigate the eye to remove deposits and seek medical attention if discomfort persists.

Inhalation: Remove the person from the source of exposure.

Ingestion: Not applicable.

**5. Fire Fighting Measures**

Extinguishing media: Water spray is suitable.

Extinguishing media not to be used: Not applicable.

Special precautions: In certain conditions starch/air mixtures are explosive. Avoid any ignition source.

Personal Protective Equipment (P.P.E.): Wear Self Contained Breathing Apparatus in fire conditions.

**6. Accidental Release Measures**

Personal Protective Equipment: Wear appropriate protective clothing to protect against skin contact, eye contact, and respiratory contact.

Small spillages: Use a dry cleaning method e.g. vacuum cleaner or alternatively brush up spillages and collect in suitable containers.

Large spillages: For large spillages, a vacuum cleaning system is essential, or alternatively use a vacuum truck to collect, and then dispose of material.

Dust deposits should not be allowed to accumulate on horizontal surfaces, as these may form an explosive mixture if they are suddenly released into the atmosphere.

Equipment used in dusty conditions should have a suitable electrical protection rating.

## 7. Handling and Storage

Packages: Should be stored in cool, well ventilated, dry conditions.

Bulk Storage: Bulk storage vessels are recommended to be fitted with dust control equipment and explosion protection devices.

## 8. Personal Protective Equipment

Skin: Not required.

Eyes: Goggles or similar eye protection will prevent contact with the eyes.

Lungs: Wear a suitable dust mask when handling the material in a powder form (nuisance dust only).

Ingestion: Avoid ingestion.

## 9. Physical and Chemical Properties

Appearance: White or slightly yellow powder.

Solubility: Highly soluble.

Bulk density: Between 0.40 kg/l and 0.90 kg/l.

Vapour pressure: n/a.

Flash point: n/a.

## 10. Stability and Reactivity

Starch/air mixtures form explosive mixtures in certain conditions.

Lower explosive limit: 30 g/m<sup>3</sup>.

Starch is a class St1 dust at normal moisture level.

Minimum Ignition Energy (MIE): 100-300 mJ at normal moisture level.

P max: 9.5 Bar.

Kst: 195 Bar.m/s.

Layer Ignition temperature: >450 °C.

Auto ignition temperature: 190 °C. Above this temperature starch will self-heat.

In fire, it may decompose to release carbon dioxide, water and carbon monoxide (incomplete combustion).

## 11. Toxicological Information

If ingested, product will not present a health risk for humans or animals, and may produce at worst no more than minor, passing discomfort.

In a powdered form it is classed as a nuisance dust with a LTOEL of 10mg/m<sup>3</sup> total inhalable dust.

## 12. Ecological Information

This product does not pose an ecological risk, though it should be disposed of in a responsible manner.

No data on aquatic or vegetable toxicity.

## 13. Disposal Considerations

There are no special considerations beyond those normally applied to waste disposal (Local Authority Regulations).

## 14. Transport Information

There are no special requirements for transport.

## 15. Regulatory Information

Nationale Vorschriften: Wassergefährdungsklasse - nwg.

Canada WHMIS Classification: Noncontrolled

Mexican Dangerous Statement: None

Inventory Status:

This product is listed on the following inventories: TSCA, DSL, others.

This product is exempt by the FDA and Canadian Food & Drug Act.

TSCA: This substance exempt from reporting under the Inventory Update Rule.

## 16. Other Information

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