

Material Safety Data Sheet

Potato Dextrin

Section 1 . Chemical product and company identification

Product name POTATO DEXTRIN

Section 2 . Composition/information on ingredients

Substance Potato starch based white dextrin

Ingredients contributing to the hazard are absent.

Section 3 . Hazard identification

The chemical nature of this product does not give occasion to caution against hazards for adverse human health and environmental effects.

Section 4. First aid measures

Because it is inert material, there is no reason to give proper instructions about first aid measures in relation to the product.

Section 5. Fire-fighting measures

Extinguishing media: Standard media such as powder, foam or water are suitable.

For the protection of firefighters e.g. the standard breathing apparatus should be used.

Section 6 . Accidental release measures

No special personal and environmental precautions are recommended.

Methods for cleaning up:

After spillage or leakage remove the waste in dry form if possible, otherwise flush with plenty of cold or hot water. Wet material on floor surface can be a slipping hazard.

Section 7 . Handling and storage

Appropriate technical measures should be taken to dispose of dust by ventilation or vacuum cleaning. Anyhow avoid excessive raising dust of loose material. Therefore regular removing deposit of dust is recommended.

Store the product cool and dry, protected against extreme weather conditions. Specific instructions regarding separation from incompatible products are not relevant. Keep the packaging well closed and sound.

Section 8 . Exposure controls/personal protection

In case of raising dust the use of breathing protection is recommended.

Section 9 . Physical and chemical properties

Form	Powder
Color	White
Odor	Neutral
pH value	- 2.2 (350 gn H2O, suspension)
Bulk density	800 kg/m ³
Solubility in water	Contains 34...42 % dispersable in cold water (20°C) Colloidal dispersable in hot water (> 75°C)

Change in physical state No change in solid state till process of combustion

Flash point No development of volatile and inflammable vapors till process of combustion

Explosion properties This product has no explosion properties in nature

Section 10. Stability and reactivity

There is no thermal decomposition if used as directed. In case of complete combustion the decomposition products carbon dioxide (CO₂) and water (H₂O) are formed.

Section 11. Toxicological information

This product is not toxic and does not contain ingredients which can be considered as such.

Section 12. Ecological information

This product is expected to be readily biodegradable and not eco-toxic under normal circumstances.

Section 13. Disposal considerations

Taking into consideration the local authority regulations, it may be land-filled or incinerated together with household refuse.

Section 14. Transport information

This product is not classified as dangerous goods according to the international regulations for transport by land, inland waterways, sea and air.

Further information:

This product can be declared as 'dextrin'.

Section 15. Regulatory information

Generally this product is not subjected to the regulations for mandatory marking, however take into consideration that possible existence of local regulations.

Section 16. Other information

In the USA 21 CFR § 184.1277 dextrin is affirmed as generally recognized as safe (GRAS) as a direct human food ingredient