

MSDS

Synergie 55

Product Code: 10245

1. Company & product details

Supplier: Ulrick & Short Ltd

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2. Composition of ingredients:

Maize Starch

3. Hazard identification:

During processing dust may form an explosive mixture in air

4. First aid measures:

General advice	- the product under normal use is not considered injurious to health
Inhalation	- move into a fresh air environment
Skin contact	- wash with plenty of water
Ingestion	- drink plenty of water

5. Fire fighting measures:

Suitable extinguishing media	- foam, carbon dioxide (CO ₂), dry chemical, water spray
Unsuitable extinguishing media	- high volume water jet
Specific hazards	- carbon monoxide and dioxide, carbon black & other organic products.
Protective clothing for fire-fighters	- wear a self-contained breathing apparatus
Other data	- keep away from sources of ignition

6. Accidental release measures:

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|---------------------------|--|
| Personal precautions | - ensure adequate ventilation
- remove all sources of ignition
- if a build up of dust is observed, switch off equipment, clean & service. |
| Environmental precautions | - do not flush into surface water or sanitary sewer system
- should not be released into the environment |
| Clean-up method | - use approved industrial vacuum cleaner for removal |

7. Handling & storage:

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|----------------------|---|
| Safe handling advice | - provide appropriate exhaust ventilation at machinery and other places where dust can be generated
- when using do not eat, drink or smoke
- general food industry hygiene practice should be observed |
| Storage | - keep in cool, dry place
- take precautionary measures to prevent static discharge
- keep away from sources of ignition |
| Further information | - dust explosion risk |

8. Exposure controls & personal protection:

- | | |
|-------------------------------|---|
| Design & engineering measures | - ensure adequate ventilation, especially in confined areas |
| Other data | - rules for dust should be applied |
| Personal protection equipment | - ensure adequate ventilation |
| Respiratory protection | - personal respiratory equipment not normally required |
| Hand protection | - not required |
| Eye protection | - not required |
| Skin & body protection | - long sleeved clothing |

9. Physical & chemical properties:

Form: Powder Colour: White / Off-white Odour: Characteristic

Attribute	Value	Unit of measurement
Minimum Ignition Temp (dust cloud)	360	°C
Minimum Ignition Temp (5mm layer)	520	°C
Minimum Ignition Energy	30 - 100	mJ
Kst Value	<200	bar.m.s ⁻¹
Dust (ST) Classification	1	

The values above are based upon standard values for similar products.

10. Stability & reactivity:

Conditions to avoid	- no decomposition if stored and applied as directed - keep away from open flames, hot surfaces and sources of ignition
Decomposition products	- keep away from strong acids and oxidisers - oxides of carbon

11. Toxicology information:

- if appropriately handled and if in accordance with general hygiene rules, no damages to health have become known

12. Ecological information:

Further information	- should not be released into the environment - biodegradable in sewerages
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13. Disposal considerations:

Waste from residues	- if recycling is not practicable, dispose of in compliance with unused product local regulation
Contaminated packaging	- empty containers should be taken for local recycling recovery or waste disposal

14. Transportation:

- Not classified as a dangerous material to transport

15. Regulatory information:

- This product does not need to be labelled as "hazardous" in accordance with EC directives or respective national laws

The information describes exclusively the safety requirements for the product and is based on the present level of our knowledge. It does not constitute a guarantee for the characteristics of the described product as defined by the legal warranty regulations. The product specifications are contained in the corresponding product data sheet.