

MATERIAL SAFETY DATA SHEET.

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

Product name: Maize Starch / Modified Starch (corn starch)

SUPPLIER: The Soap Kitchen, Unit 2e Hatchmoor Ind/Est, Torrington, Devon, EX38 7HP.

Emergency Tel No: 01805 622944 Emergency Contact: Mr. Richard Phillips.

2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: MAIZE STARCH / MODIFIED STARCH

CAS No: 9005-25-8 Status: EC No: 232-679-6 FEMA:

Additives: None FDA: IFRA: Formula:

RIFM: EINECS: RTECS: FCCIV:

INCI name:

3. HAZARDS IDENTIFICATION:

Not classified as hazardous in normal conditions of handling and use.

4. FIRST-AID MEASURES:

INHALATION: Mild irritation of breathing passages.

TREATMENT: Remove from exposure. Rest and keep warm. In severe cases or if recovery is not rapid or complete, seek medical attention.

EYE CONTACT: Mild irritation.

TREATMENT: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

SKIN CONTACT: Mild mechanical irritation.

TREATMENT: Remove contaminated clothing, rinse skin with plenty of water.

INGESTION: Gastrointestinal irritation.

TREATMENT: Wash out mouth with water. Do not induce vomiting. If large quantities of this material are swallowed seek medical attention immediately. Loosen tight fitting clothing like collar, waistband, belt.

IMMEDIATE TREATMENT/ANTIDOTE: Symptomatic treatment.

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA Small fires use Dry Chemical powder. Large fires use water Spray or Fog. DO NOT use water jet

SPECIAL MEASURES: Avoid inhalation of hazardous fumes (CO, CO₂). Use self-contained positive pressure breathing apparatus (SCBA) and full turnout gear

UNUSUAL FIRE HAZARDS: In certain circumstances air/starch mixtures are explosive.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Splash goggles. Protective overalls/suit. Boots. Gloves.

ENVIRONMENT PRECAUTIONS: Avoid creating dusts. Ensure good ventilation.

CLEAN UP PROCEDURE Vacuum or sweep up and place in suitable labelled containers. Hold for waste disposal.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Ensure good general ventilation. Avoid inhaling dusts. Avoid contact with eyes, skin and clothing. Eye wash facilities should be readily available. Keep container tightly closed when not in use.
STORAGE CONDITIONS:	Store in cool, dry and well ventilated conditions, away from sources of heat or ignition. Avoid storing sacks in stacks to prevent product from caking.
SUITABLE CONTAINERS:	Store in original containers.
KEEP AWAY FROM:	See section 10.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Type approved RPE for dusts if required.
ENGINEERING MEASURES:	Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne dust levels below recommended exposure limits.
SKIN PROTECTION:	Rubber or plastic gloves. Lightweight overalls
EYE PROTECTION:	Use safety glasses/goggles.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling. Do not eat, drink or smoke around this product.

9. PHYSICAL & CHEMICAL PROPERTIES.

APPEARANCE:	White powder, paste or wax.
FLASH-POINT °C:	Not available
MELTING-POINT °C:	Decomposition Temperature 200 degC
AUTO IGNITION TEMPERATURE °C:	400 degC
SOLUBILITY IN WATER:	Insoluble in cold water
DENSITY:	Not available
PH:	4.5 (acidic).

10. STABILITY & REACTIVITY.

STABILITY:	Stable in normal conditions.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Oxides (CO, CO ₂).

11. TOXICOLOGICAL INFORMATION.

Mild irritation to eyes, Mild irritation to skin and if inhaled.

12. ECOLOGICAL INFORMATION.

ECOTOXICITY:	Not available.
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13. DISPOSAL CONSIDERATIONS.

RECOMMENDATIONS:	Can be eliminated with domestic garbage on condition it complies with local regulations.
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14. TRANSPORT REGULATIONS.

Road (ADR/RID):	n/a
AIR (IATA):	n/a
SEA (IMDG)	n/a

15. REGULATORY INFORMATION.

LABEL REQUIRED: No.
LABEL NAME: n/a
HAZARDS: n/a
SYMBOLS: n/a
RISK PHRASES: n/a
SAFETY PHRASES: n/a

16. OTHER INFORMATION.

PACKAGING:

Type

Suitability

Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes

SHELF-LIFE

Min 12 months when stored within advised conditions.

Q.C. REQUIREMENTS.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.