

**Daito Kasei Kogyo Co., Ltd.**  
**MATERIAL SAFETY DATA SHEET**

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SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME : MAKIMOUSSE 25  
COMPANY NAME : Daito Kasei Kogyo Co., Ltd.  
ADDRESS : 6-28, 1-Chome, Akagawa, Asahiku, Osaka, JAPAN  
EMERGENCY TELEPHONE NUMBER : +81-6-6922-1631  
TELEPHONE NUMBER FOR INFORMATION : +81-6-6922-1631  
GENERAL USE : Ingredient for Cosmetic.

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SECTION 2. COMPOSITION, INFORMATION ON INGREDIENTS

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SINGLE OR MIXTURE : Single  
CHEMICAL IDENTIFICATION : Starch • Sodium Acrylate Copolymer.

COMPONENTS

INCI NAME	Wt %	CAS No.
SODIUM POLYACRYLATE STARCH	100	_____

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SECTION 3. HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW : Not available  
POTENTIAL HEALTH EFFECTS  
INHALATION : Not available  
EYE : Not available  
SKIN : Not available  
INGESTION : Not available  
CHRONIC TOXICITY/CARCINOGENICITY : Not available  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE : Not available

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SECTION 4. FIRST AID MEASURES

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INHALATION : Remove individual to fresh air, and consult a physician.  
SKIN CONTACT : Wash skin with water and soap.  
EYES CONTACT : Immediately flush eyes with plenty of water, and consult a physician.  
INGESTION : Induce vomiting, and consult a physician.  
NOTE TO PHYSICIAN : Treat symptomatically.

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SECTION 5. FIRE FIGHTING MEASURES

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FLAMMABLE PROPERTIES : Combustible  
EXPLOSIBLE PROPERTIES : Maximum explosive concentration > 1200g/cm<sup>3</sup> (similar product)  
EXTINGUISHING MEDIA : Water, Dry chemical, Foam, CO<sub>2</sub>  
FIRE FIGHTING INSTRUCTIONS : Protective clothing, Breathing apparatus.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

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LAND SPILL : Sweep up or vacuum into suitable containers for disposal.  
WATER SPILL : Dike spill. Prevent material from entering sewers, waterways  
or low areas.

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SECTION 7. HANDLING AND STORAGE

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HANDLING : Avoid contact with skin, eyes, or clothing.  
STORAGE : This product is hygroscopic.  
This product has some possibility of coloring by storing in hot and humid conditions for a long time.  
Store in a well-ventilated area.  
Store in a cool and dry place away from heat, sparks and flame.  
Keep container tightly closed.  
Do not place the paper bags on the ground or floor without pallets.

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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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ENGINEERING CONTROLS : The use to local exhaust ventilation is recommended.  
PERSONAL PROTECTIVE EQUIPMENT:  
EYE/FACE PROTECTION : Safety glasses, goggle, face shield.  
SKIN PROTECTION : Shield made from plastic film or rubber.  
RESPIRATORY PROTECTION : Approved respirator.  
GENERAL : No specific protections are needed.  
EXPOSURE GUIDELINES : ACGIH; Particulates Not Otherwise Specified  
Respirable 3mg/m<sup>3</sup>, Inhalable 10mg/m<sup>3</sup>

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE	: White micro powder
ODOR	: Odorless
PHYSICAL STATE	: Powder
VAPOR PRESSURE	: Not applicable
VAPOR DENSITY	: Not applicable
BOILING POINT	: Not available
MELTING POINT	: Decompose below melting point.
DECOMPOSITION TEMPERATURE	: Approx. 250°C
SOLUBILITY IN WATER	: Insoluble, swellable
DENSITY	: 0.64/g/ml (Bulk density 25°C)

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SECTION 10. STABILITY AND REACTIVITY

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CHEMICAL STABILITY	: Stable under normal storage conditions.
CONDITIONS TO AVOID	: No information
INCOMPATIBILITY WITH OTHER MATERIALS	: Strong oxidizing agents etc.
HAZARDOUS DECOMPOSITION PRODUCTS	: Carbon oxides, hydrocarbons etc.
HAZARDOUS POLYMERIZATION	: Will not occur

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SECTION 11. TOXICOLOGICAL INFORMATION

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ACUTE INHALATION EFFECTS	: Not available
EYE EFFECTS	: Non irritant (similar product)
SKIN EFFECTS	: Negative (human patch test) (similar product) : Primary irritation; Non irritant (similar product) : Cumulative irritation; Non irritant (similar product)
ACUTE ORAL EFFECTS	: LD <sub>50</sub> >6640mg/kg (similar product)
SUBCHRONIC EFFECTS	: Not available
CHRONIC EFFECTS/CARCINOGENICITY	: Not listed on LARC Monographs.
MUTAGENICITY	: Negative (Ames test) (similar product)

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SECTION 12. ECOLOGICAL INFORMATION

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BIODEGRADATION : Not available  
BIOACCUMULATION : Not available  
AQUATIC TOXICITY : Not available

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SECTION 13. DISPOSAL CONSIDERATIONS

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Comply with all federal, state and local regulations.

Do not dump this material into sewers, on the ground or into any body of water.

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SECTION 14. TRANSPORT INFORMATION

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UN CLASSIFICATION : None  
UN NUMBER : None  
LAND-ROAD/RAILWAY : This product is not classified according to ADR/RID  
INLAND WATERWAYS : This product is not classified according to ADNR  
SEA : This product is not classified according to IMDG  
AIR : This product is not classified according to IATA  
NATIONAL TRANSPORT REGULATIONS : No additional national transport regulations are known to the supplier.

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SECTION 15. REGULATORY INFORMATION

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LABEL NAME : MAKIMOUSSE 25  
HAZARD SYMBOLS : None  
RISK PHRASES : None  
SAFETY PHRASES : None

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SECTION 16. OTHER INFORMATION

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