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Msd No.: 04C0001	Version 1.0	Revision date: 2/14/2019

1. Product and Company Identification

Product name	Compostable Polyesters
Product code	C200
Supplier	ZhuHai WanGo Chemical Co.,LTD.
Address	NO.177, Petrochemical Ninth Road, Nanshui town, Zhuhai, Guangdong ,China
Telephone/fax number	+86 (0756) 7233666
Emergency telephone number	+86 (0756) 7233608

2. Hazards Identification

Health Effects	Prolonged and /or repeated contacts: Risk of skin sensitization. When handled at high temperatures, can cause serious burns.
Potential Health Effects	Eye contact: Contact with eyes may cause irritation. Skin contact: Substance may cause slight skin irritation. Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Inhalation: Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. Low hazard for usual industrial or commercial handling. Target organ effects: There were no target organ effects noted following ingestion or dermal exposure in animal studies.
Specific Hazards/EC	No information available.
Flammability	Fine dust dispersed in air may ignite.
Environmental	Not determined.
Precaution	

3. Composition/Information on Ingredients

Compostion	Compostable polyester, modified, starch
Impurities Contributing To Hazard	NONE

4. First-aid Measure

Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.
Skin contact	Rinse immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Cool skin rapidly with cold water after contact with hot polymer.
Ingestion	Drink water as a precaution. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical
Inhalation	Move to fresh air. Call a physician immediately.

5. Fire-fighting Measures

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Flammability	Autoignition temperature: >350 °C.
Flammability Limits in Air	Flammable limits in air – lower (%): Not applicable. Flammable limits in air – upper(%): Not applicable.
Extinguishing media	Foam. Water. Carbon dioxide (CO ₂). Dry chemical. Alcohol resistant foams are preferred if available. General-purpose synthetic foams (including AFFF) or protein foams may function, but much less effectively.
Specific Hazards	Above 300°C, possible formation of Styrene, Toluene, Ketones and Alcohols (small quantities). Formation of toxic products through combustion: Carbon oxides, Hydrogen bromide.
Fire Fighting Instructions	Keep people away, isolate fire area and deny unnecessary entry Cool surroundings with water to localize fire zone. Cool containers/tanks with spray water. Water mist may be used to cool closed containers.
Other Information	Fine dust dispersed in air may ignite. Risks of ignites followed by flame propagation of secondary explosions shall be prevented by avoiding accumulation of dust, e.g. on floors and ledges.

6. Accidental Release Measures

Personal precaution	Use personal protective equipment. Remove all sources of ignition. Avoid dust formation. Do not breathe vapors/dust Sweep up to prevent hazard slipping
Environmental protection	Do not flush into surface water of sanitary sewer system. Do not allow material to contaminate ground water system.
Clean-up methods	Shovel into suitable container for disposal.

7. Handling and Storage

Handling	Prevent from fire around handling area. Workers should be protected from the possibility of contact with molten material during fabrication. Use personal protective equipment. Avoid accumulation of static charges during transfers in metallic systems. Use personal protective equipment.
Storage	Store in cool place. Keep at temperatures below 60°C. No special restrictions on storage with other products.

8. Exposure Controls and Personal Protection

Engineering controls	Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Provide
Exposure limits	Not determined.
Personal Protection Equipment	

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Eye/face protection	Wear safety glasses for general purpose. Wear chemical goggles for cleaning molding machines.
Hand protection	Wear gloves (product handled in molten state).
Skin and body protection	Wear protective clothing (product handled in molten state).
Respiratory protection	In case of dust formation, wear a dust mask. In case of insufficient ventilation, wear suitable respiratory equipment.
Hygiene measures	Avoid contact with skin, eyes, and clothing.

9. Physical and Chemical Properties

Appearance	Solid (granules)
Colour	Opaque
Odour	Sweet
Boiling Point/Range	Not applicable
Vapour Pressure	Not applicable
Solubility in water	Insoluble
Specific Gravity	>1

10. Stability and Reactivity

Chemical stability	Combustible gases are released at the temperature over 230°C.
Materials	Strong oxidizers.
Hazardous Decomposition Products	Burning produces obnoxious and toxic fumes. Aldehydes. Carbon monoxide. Carbon dioxide.
Polymerization	Not applicable.

11. Toxicological Information

See section 3 for potential health effects. For detailed toxicological data, write or call the address or emergency number shown in section 1

12. Ecological Information

Mobility:	No data available.
Bioaccumulation:	Does not bioaccumulate. Inherently biodegradable.

13. Disposal Considerations

Controlled incineration or landfill according to local, state or national laws and regulations concerning health and pollution.

14. Transportation Information

ADR/RID	Not regulated
AND/ADNR	Not regulated
IMDG	Not regulated

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IATA Not regulated
Consult WanGo's safety department for any further information.

15. Regulatory Information

WEEE/ROHS DIRECTIVE	CONFORMS
INVENTORIES	EINECS (EU): Conforms TSCA (USA): Conforms DSL (Canada): Conforms AICS (Australia): Conforms ECL (Korea): Conforms
SAFETY DATA SHEETS	D.91/155/EEC amended by D.93/112/EEC and D.2001/58/CE

16. Other Information

This message is based on our present knowledge. However this will not constitute a guarantee for any specific products features and should not establish a legally valid contractual relationship.

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