

MATERIAL SAFETY DATA SHEET

According to ISO 11014:2009 (E)

Product:
Version 4.0

BIOPP-30

Page 1 of 4
Update: 9/27/2023

01-Chemical product and company identification

Product name	BIOPP-30
Supplier	Seller
Name	KINGFA SCI.&TECH.CO.,LTD
Address	33 Kefeng Road, Science Town, Guangzhou, China, 510663
Telephone/fax number	+86-20-66818888/+86-20-66814666
Emergency telephone number	+86-4001600143

02-Hazards identification

GHS label element	None
Hazards effect on human health and environment	Does not present any specific hazards if handled in the instruction of proposed use.
Physical and chemical hazards	Dust can form explosive mixture with air. At high temperature of thermal decomposition giving flammable and harmful products, formation of toxic products through combustion.
Specific hazards	None

03-Composition/information on ingredients

Chemical nature	Polypropylene with wood fiber and additives
Hazardous ingredients	None

04-First aid measure

Eye contact	Not specifically applicable In case of contact with molten product, cool eyes rapidly with plenty of cold water after contact with molten product and seek medical advice seek medical advice immediately.
Skin contact	Not specifically applicable In case of contact with molten product when processing or use, rinse rapidly with plenty of cold water and seek medical advice immediately, as molten product may cause thermal burn. Do not pull solidified product away from skin or do not remove clothing.
Ingestion	Not specifically applicable If vomiting occurs, lower the head to ease vomiting and seek medical advice immediately
Inhalation	Not specifically applicable In case of contact with vapors due to over-heating and combustion, move to fresh air, oxygen or artificial respiration provided if

MATERIAL SAFETY DATA SHEET*According to ISO 11014:2009 (E)***Product:
Version 4.0****BIOPP-30****Page 2 of 4
Update: 9/27/2023**

needed.

05-Fire-fighting measures

Fire-fighting instructions	Keep people away, isolate fire area and deny unnecessary entry. Cool surroundings with water to localize fire zone. Hand held carbon dioxide or dry chemical water to cool and prevent re-ignition.
Protection of fire-fighter	Fire mask, self-contained breathing apparatus and wear protective clothing, etc.
Suitable distinguishing media	Extinguishing agents as water, dry powder, Carbon dioxide, etc.
Not suitable distinguishing media	None
Specific hazards	Extended inhalation of such above is hazardous, according to Section 10.

06-Accidental release measures

Personal precaution	Do not breathe vapors/dust. Sweep up to prevent hazard slipping.
Environmental protection	Do not release into the environment. Do not let the product enter into drains.
Clean-up methods	Recover the product. Recycle or incinerate at an approved waste disposal site.

07-Handling and storage

Handling	Follow instructions on label and processing guide. Prevent from fire around handling area. Avoid accumulation of static charges during transfers in metallic systems, and wear a mask to avoid dust formation. Provide adequate ventilation properly. Dust explosion when secondary processing.
Storage	Keep the product at a cool dry and ventilated place, heat and fire are inhibited around storage area. Protect from direct sunlight, rain and violent temperature fluctuation.

08-Exposure controls and personal protection

Engineering controls	When processing, general or local exhaust ventilation systems in the work place is recommended to control the concentration of vapors and fumes below exposure limits. As condensed processing vapors and fume may cause inhalation hazards and a fire and toxic
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MATERIAL SAFETY DATA SHEET*According to ISO 11014:2009 (E)***Product:
Version 4.0****BIOPP-30****Page 3 of 4
Update: 9/27/2023**

Exposure limits	hazards. Ensure ventilation of work areas and extraction of dust or vapors likely to be given off during conversion operations. Not determined
Personal protection equipment	
Eye/face protection	Wear safety glasses for general purpose. Wear chemical goggles for cleaning molding machines.
Hand protection	Wear protective gloves when necessary.
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.

09-Physical and chemical properties

Appearance	Solid
Form	Pellets
Colour	White
Odour	None to very slightly
Melting point/range	160°C
Decomposition temperature	>300°C
Specific gravity	>1.0g/cm ³
Solubility in water	Insoluble

10-STABILITY AND REACTIVITY

Chemical stability	Stable at normal use and storage condition.
Conditions to avoid	None under the normal condition of handling, use and storage.
Hazardous decomposition products	Carbon monoxide, hydrocarbons and carbon dioxide, etc.

11-Toxicological information

Based on our experience and information available, no adverse health effects as expected of handled as recommended with suitable precautions for designed use.

If necessary, contact emergency number shown in Section 1.

12-Ecological information

Ecotoxicity	The product is water insoluble. No adverse hazardous effect on plants, animals or microorganisms. Do not allow to be released into the environment. To inhibit disposal of the waste to the ocean and water sources. To avoid being taken by ocean species or birds.
Persistence potential	Persisting

MATERIAL SAFETY DATA SHEET

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Product:
Version 4.0

BIOPP-30

Page 4 of 4
Update: 9/27/2023

13-Disposal considerations

Recycle is better than disposal.

Disposal as controlled incineration or landfill is to be in accordance with 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
IATA	Not regulated

Consult KINGFA's safety department for any further information.

15-Regulatory information

Not subject to label regulation.

SAFETY DATA SHEETS	ISO 11014:2009(E)
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16-OTHER INFORMATION

Use

Recommended

Injection or extrusion

Prohibited

For special application as in medicine, surgery, or the food etc.

Obtain further information from the supplier.

The information contained in this MSDS is accurate and true based on our current knowledge at the time of publishing, and may be subject to revision without informing in advance as new knowledge become available, with the only purpose of providing as safe as possible during intended use, handling, transportation, and storage of the product. However this will not constitute a guarantee for any specific products features and should not establish a legally valid contractual relationship. The attention of the users is drawn to the possible risks incurred by using the product for any other purposes other than that for which it was intended. It is the sole responsibility of the users to take all precautions required in handling the product.

MSDS prepared by: KINGFA SCI.&TECH. CO., LTD

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