

**MATERIAL SAFETY DATA SHEET***According to ISO 11014:2009 (E)***Product:  
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Update: 4/22/2022****01-Chemical product and company identification**

Product name	ABS KF-730
Supplier	Seller
Name	LIAONING BORA NEW MATERIAL CO., LTD
Address	Liaodong Bay New Area, Panjin City, Liaoning Province, China, 124221
Telephone/fax number	+86-427-8808993
Emergency telephone number	+86-427-8808185

**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**

Acrylonitrile Butadiene Styrene	96%-99%	CAS: 9003-56-9
Processing additives	1-4%	
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

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In case of contact with vapors due to over-heating and combustion, move to fresh air, oxygen or artificial respiration provided if 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
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	vapors and fumes below exposure limits. As condensed processing vapors and fume may cause inhalation hazards and a fire and toxic hazards. Ensure ventilation of work areas and extraction of dust or vapors likely to be given off during conversion operations.
Exposure limits	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, and wear protective suit when necessary.

**09-Physical and chemical properties**

Appearance	Solid
Form	Pellets
Color	Opaque
Odor	None to very slightly
Melting point/range	Not applicable
Decomposition temperature	>300°C
Specific gravity	1.03-1.06
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	Hydrocarbons, 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.
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Persistence potential                      To avoid being taken by ocean species or birds.  
Persisting

## 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.

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## 16-OTHER INFORMATION

Use

Recommended	Injection or extrusion
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Prohibited	For special application as in medicine, surgery, or the food etc. Obtain further information from the supplier.
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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: LIAONING BORA NEW MATERIAL CO., LTD

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