

# Qingdao Hengke Fine Chemicals Co.,Ltd

## SAFETY DATA SHEET

ACC. TO 91/155/EMG

HEAT STABLE a-AMYLASE

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1	Identification of the substance/preparation and company	
1.1	Product information	
	Trade name	: HEAT STABLE a-AMYLASE
1.2	Usability	: use for textile auxiliaries.
1.3	Information on manufacturer / supplier	: Qingdao Hengke Fine Chemicals Co.,Ltd. Room2207,Yinhejinxing building 36# shichang 2nd Qingdao,266011 Tel: 0532-82805948 Fax: 0532-82805931
1.4	In case of emergency please call:	Qingdao Hengke Fine Chemicals Co.,Ltd 0532-82805948

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2.	Composition/information on ingredients	
2.2	Chemical identification (preparation)	
2.2.1	Characterization:	Amylase

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3.	Hazards identification	
3.1	Special risk:	none

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4.	First aid measures	
4.3	Skin contact	wash off with plenty of water,
4.4	Eye contact	rinse under running water

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5.	Fire fighting measure	
5.1	Extinguishing media suitable:	water spray, foam, dry powder/extinguisher,CO2
5.2	Extinguishing media not to be used	-
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6.	Accidental release measure	
6.1	Individual/Personal protection measure:	-
6.3	After spillage/leakage:	take up mechanically-

## 7. Handling and storage

## Handling

7.1.1 Safety information for handling: no special measures required

7.1.2 Information on fire and explosion  
protection none

## 7.2. Storage

7.2.1 Requirements concerning storage  
area and container: Moisture-proof storage

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## 8. Exposure controls/personal protection

## 8.3 Personal protection equipment

8.3.1 General information on protection  
and hygiene: observe the usual precautionary measures for  
handling chemicals when using the product

8.3.3 Hand protection: protective gloves

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9. Physical and chemical properties

## 9.1 Appearance

9.1.2 Form: liquid  
9.1.3 Color: Brown  
9.1.4 Odor: weak odor

## 9.2 Data relevant for safety

9.2.1 Density: approx.1.1g/cm<sup>3</sup>  
9.2.11 Solubility in water: easy to dissolve in warm water  
9.2.12 pH-value: 12-12.5 (10% liquid)  
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## 10. Stability and reactivity

10.1 Conditions to be avoided: none

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## 11. Toxicological information

## 11.1 Acute toxicity

11.1.3 Primary irritant effects: none

11.4 Further information: none

12. Ecological information
- 12.3 Toxicological effects on the environment
- 12.3.3 when handled properly, product has no inhibitory effects in the sewage plant
- 12.4 Further Information:
- 12.4.3 AOX information: in terms of recipe the product does not contain any halogenated organic compounds
- 12.4.4 Heavy metals: in terms of recipe the product does not contain heavy metals.
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13. Disposal consideration
- 13.1 Product
- 13.1.1 Recommendation: Special treatment required in accordance with applicable governmental regulations
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14. Transportation information
- 14.1 ADR/RID no hazardous goods according to transportation regulations
- 14.2 IMDG No-hazardous for sea transport
- 14.3 IATA No-Hazardous for air transport
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15. Regulations
- 15.1 Labeling provisions according to EEC regulations: no labeling required
- 15.2 National regulations
- 15.2.4 Classification according to Vbf: -
- 15.2.6 Hazard class (WGK): 1 ( hazardous to water own classification according to VCI-concept)
- (WGK = classification in accordance with the German Water Resource Act)

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16. Other information none
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The data given here are based on our current knowledge and experience. The purpose of The Safety Data Sheet is to describe the products in terms of their safety requirements. The data do not signify any warranty with regard to the product properties. Existing laws and regulations have to be observed by the customer at his/her own risk when using the product.