

Safety Data Sheet Xylitol DC

1. Identification of Product and company					
1.1 Product: Xylitol DC, 96.5+%					
Synonyms:		None			
1.2 Supplier:		Zhejiang Huakang Pharmaceutical, Co., Ltd 18 Huagong Road, Huabu Town, Kaihua County, Zhejiang Province, China Telephone: +86-570-6035888 Fax: +86-570-6031552 Web: www.huakangpharma.com			
Emergency contact number:		+86-570-6035861			
1.3 Recommended Use:		Food additive as sweetener			
Restriction on Use:		None			
2. Hazards Identification					
2.1 (ASCC) Hazard classification:		Not hazardous according to the criteria of ASCC[NOHSC:1088(2004)]			
2.2 Signal words:		None			
2.3 hazard statements:					
Physical Hazards:		None			
Health Hazards:		None			
Environmental Hazards:		None			
2.4 Pictograms:		None			
2.5 Precautionary statement:		None			
2.6 Description of any hazards not otherwise classified (HONC)		None			
2.7 mixture with unknown toxicity		No mixture ingredients contained			
3. Composition/Information on Ingredients					
3.1 Substances:	CAS#	EC#	Chemical name	percent	Other identifiers
	87-99-0	201-788-0	Xylitol DC	≥96.5%+	Other polyols and water
4. First Aid Measures					
4.1 Inhalation:		Not expected to require first aid measures. Treat symptoms and provide fresh air. Get medical advice if irritation develops.			
Skin Contact:		Not expected to require first aid measures. Wash exposed area with soap and water. Get medical advice if irritation develops.			
Eye Contact:		Not expected to require first aid measures. Wash thoroughly with running water including under eyelids. Get medical advice if irritation develops.			
Ingestion :		Not expected to require first aid measures. Wash out mouth with water.			

4.2 description of the most important /acute symptoms	None
4.3 Recommended immediate medical care and special treatment	None

5. Fire Fighting Measures	
5.1 Fire/explosion hazards: Not considered to be a fire hazard or an explosion hazard. Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire.	
5.2 advices on specific hazards: No hazards or combustion products created in burning.	
Special Information:	Use protective clothing and breathing equipment appropriate for the surrounding fire.

6. Accidental Release Measures	
6.1 clean up.	Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.
6.2 Spills/Leak:	Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Avoid generating dusty conditions.

7. Handling and Storage	
7.1 Handling precaution:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.
7.2 Storage:	Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Do not store near hazardous or odorous material. Protect from humidity (material is hygroscopic).

8. Exposure Controls/Personal Protection				
8.1	Chemical Name	ACGIH-TLVs	NIOSH	OSHA - Final PELs
	Xylitol, 96.5% CMC NA 1.5%	none listed None listed	none listed None listed	none listed None listed
8.2 Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.				
8.3 Personal protective equipment		Use chemical safety goggles or face shield. Maintain eye wash fountain and quick-drench facilities in work area.		
8.3.1 Eyes protection				
8.3.2 Hand protection		Wear compatible chemical-resistant gloves to prevent skin exposure.		
8.3.3 Skin and body protection		Wear protective gloves and clean body-covering clothing.		
8.3.4 respiratory protection		Wear a NIOSH/MSHA or European Standard EN 149 approved respirator.		

9. Physical and Chemical Properties			
Appearance:	White to off-white crystalline powder.	Coeffizient octanol/water	Not available
Odor:	Odorless	Solubility in water:	Soluble in water
Solubility:	Easily soluble in cold water	Solubility other:	Soluble in methanol
pH of 1% Solution:	5.0 to 7.0	Other physical data:	Not available.
Specific Gravity:	1.52	Molecular Formula:	C5H12O5
Melting Point:	92 - 96°C	Molecular Weight:	152.15 g/mol
Sweetness:	70% as sweet as sucrose	Autoignition Temperature:	Not available

10. Stability and Reactivity	
10.1 Stability:	Stable under ordinary conditions of use and storage.
10.2 Hazardous Decomposition Products:	No date available.
10.3 Hazardous Polymerization:	Will not occur.
10.4 Incompatibilities:	No date available.
10.5 Conditions to Avoid:	Humidity

11. Toxicology Information					
11.1	Product name	Results	Species	Doses	Exposure
	xylitol	Oral LD50	Rabbit	12500 mg/kg	None listed
	xylitol	Oral LD50	Rat	16500 mg/kg	None listed
11.2	Route of Entry:		Ingestion		
11.3	Aspiration Hazard:		No date available.		
11.4	Carcinogenity	IARC	ACGIH	NTP	OSHA
		Not listed	Not listed	Not listed	Not listed
11.5	Signs and Symptoms		May cause slightly to eyes and skin irritation. Large quantities of xylitol can have a laxitative effect.		

12. Ecological Information	
Environmental Toxicity:	No data available.

13. Disposal Considerations
Chemical waste generators must determine whether a discarded chemical is class if as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Part. Additionally, waste generators must consult state and local hazardous waste to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport Information
The Goods is classified as NOT RESTRICTED as per IATA DGR 55th Edition.

15. Regulatory Information



CAS No. 87-99-0 is listed on the TSCA inventory.
 On TSCA July 2005 Inventory. On NDSL, Canada Gazette, Part I, January 31, 1998.
 On ENCS. On AICS, Australian Inventory of Chemical Substances, June 1996 Ed.
 On ECL. On PICCS. On ASIA-PAC.

16. Other Information

Label Hazard Warning:	As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.
Reference	SDS Preparation Date of the latest/first revision: Sep.25, 2015 Prepared by Zhejiang Huankang Pharmaceutical co., ltd
DISCLAIMER:	The information and recommendations contained in this Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the SDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal, state or local laws.

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