

Bentonite

Safety Data Sheet according to Federal Register / Vol. 77, No. 58
/ March 26, 2012 / Rules and Regulation

Date: 01-17-2018

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Bentonite	Distributor:	XI'AN AOGU BIOTECH CO.,LTD
Synonyms:		Address:	Room 606,Block B3,Jinye Times, Yanta District Xi'an Shaanxi 710065 China
INCI Name:	Bentonite	Phone / Fax:	0086-29-89121514
CAS Number:	1302-78-9	Web:	www.aogubio.com
Formula:	Not available	Emergency Telephone Number:	0086-18091843361
Product Form:	Powder	(Chemtrec)	
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Signal Word:	Not classified.								
GHS Hazard Pictograms:	Not classified								
GHS Hazard Statements:	Not classified								
GHS Precautionary Statements:	Not classified								
Potential Health Hazards:	Eyes: N/A Inhalation: N/A Skin: N/A Ingestion: M/A								
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>0</td> </tr> <tr> <td>Flammability</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> </tr> </table>	Health	0	Flammability	0	Reactivity	0	Specific Hazard	n/a
Health	0								
Flammability	0								
Reactivity	0								
Specific Hazard	n/a								

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Bentonite	1302-78-9	100%	N/A

4 FIRST AID MEASURES

Eyes:	In case of eye contact, rinse with plenty of water and seek medical attention if necessary
Inhalation:	Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
Skin:	Wash off with soap and water. Get medical attention if irritation develops and persists.
Ingestion:	Rinse mouth. Get medical attention if symptoms occur.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Water fog, foam, Dry chemical powder. Carbon dioxide (CO ₂). Do not use water jet as an extinguisher, as this will spread the fire.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Specific hazards arising from the chemical:	During fire gases hazardous to health may be formed.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements Pick up and arrange disposal without creating dust. Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations
Methods and material for containment and cleaning up:	

7 HANDLING & STORAGE

Precautions for safe handling:	See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of dusts.
Conditions for safe storage, incl. any incompatibilities:	Store in cool, dry well ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Bentonite	No exposure limits noted		
TWA: Time Weighted Average over 8 hours of work. TLV: Threshold Limit Value over 8 hours of work. REL: Recommended Exposure Limit PEL: Permissible Exposure Limit		STEL: Short Term Exposure Limit during x minutes. IDLH: Immediately Dangerous to Life or Health WEEL: Workplace Environmental Exposure Levels CEIL: Ceiling	
Personal Protection:			
Eyes:	Wear chemical safety glasses or goggles.		
Inhalation:	Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.		
Skin:	Wear nitrile or rubber gloves, apron or lab coat.		
Other:	Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling		

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Solid	Vapor Pressure:	0.000004 kPa at 25 °C
Odor:	Mild	Vapor Density:	Not applicable
Taste:	Not available	Evaporation Rate:	Not applicable
Color:	Tan	Flammability:	Not flammable
Molecular Weight:	Not available	Upper/lower Explosive Limit:	Not available
pH (28% sol. in water)	9	Specific Gravity:	0.12
Boiling Point:	Not available	Solubility:	Not available
Melting Point:	Not available		
Flash Point:	Not flammable		

10 STABILITY AND REACTIVITY

Reactivity:	Product is stable
Chemical Stability:	Product is stable

Possibility of Hazardous Reactions:	Will not occur
Conditions to Avoid:	Not available
Incompatible Materials:	Reactive with oxidizing agents, acids, alkalis
Hazardous Decomposition Products:	Not available
Polymerization:	Will not occur

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD50: Not available. LC50: Not available
Chronic Toxicity:	May cause adverse reproductive effects based on animal test data. No human data found.
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not classified
Reproductive Toxicity:	Not available
Special Remarks:	Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Persistence and Degradability:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may significantly change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated
TDG (Transportation of Dangerous Goods, Canada):	Not regulated
IMDG (International Maritime Dangerous Goods):	Not regulated
IATA (International Air Transport Association):	Not regulated
ICAO (International Civil Aviation Organization):	Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status:	All ingredients are listed on the TSCA inventory
DSCL (EEC):	This product is not classified according to the EU regulations. S24/25- Avoid contact with skin and eyes. S28- After contact with skin, wash immediately with plenty of water.

S36/37/39- Wear suitable protective clothing, gloves and eye/face protection. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

WHMIS (Canada):

SARA 302:

SARA 304:

SARA 311:

SARA 312:

SARA 313:

CLASS D-2A: Material causing other toxic effects (VERY TOXIC)

Not listed

Not listed

Listed

Listed

Not listed

16 OTHER INFORMATION

Revision Date: 01-17-2018

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.