

HairFix Powder


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

Revision Date: 06-27-2016
Supersedes: None

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	HairFix Powder	Distributor:	XI'AN AOGU BIOTECH CO.,LTD
Synonyms:		Address:	Room 606,Block B3,Jinye Times,No.32,East Section of Jinye Road,Yanta District,Xi'an Shaanxi 710065 China
INCI Name:	VP/VA copolymer	Phone / Fax:	0086-29-89121514
CAS Number:	25086-89-9	Web:	www.aogubio.com
Formula:			
Product Form:	Solid (Powdered solid)	Emergency Telephone Number:	0086-18091843361 (Chemtrec)
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	Combustible Dust												
GHS Signal Word:	WARNING												
GHS Hazard Pictograms:													
GHS Hazard Statements:	H227: Combustible dust (may form combustible dust concentration in air)												
GHS Precautionary Statements:	P281: Use personal protective equipment as required												
Potential Health Hazards:	Eyes: Not irritant. Inhalation: No data available. Skin: Not irritant. Ingestion: No data available.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td>1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> <td></td> </tr> </table>	Health	1	Slight	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	1	Slight											
Flammability	1	Slight											
Reactivity	0	Minimal											
Specific Hazard	n/a												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Polyvinylpyrrolidone-vinyl acetate copolymer	25086-89-9	95.0 - 100%	No data available
Water	7732-18-5	0.0 - 5.0%	18.01

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:	Flush with plenty of water and wash using soap.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.
Medical Conditions Aggravated by Overexposure:	Repeated or prolonged exposure is not known to aggravate medical condition.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	No data available
Specific hazards arising from the chemical:	Flammable and explosive in presence of open flames, sparks and static discharge. Non-flammable and non-explosive in presence of shocks. These products are carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ ...). Unknown hydrocarbons.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Not available
Methods and material for containment and cleaning up:	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.

7 HANDLING & STORAGE

Precautions for safe handling:	See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities:	Store in cool, dry well ventilated area. Keep away from heat and 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>
Particles, not otherwise specified, inhalable	TWA value 10mg/m ³	ACGIH TLV	

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:	Safety glasses
Inhalation:	Dust protection mask
Body:	Lab coat
Hands:	Gloves
Feet:	Suitable protective footwear
In Case of Large Spill:	Splash goggles, full suit, dust protection mask, boots, and gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Engineering Controls:	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Solid (Powdered solid)	Vapor Pressure:	Not applicable
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Odor:	Faint specific odor	Vapor Density:	Not available
Taste:	Not available	Evaporation Rate:	Not available
Color:	White to cream	Flammability:	Not readily ignited
Molecular Weight:	Not available	Upper/lower Explosive Limit:	Not available
pH (25°C, 10% in water)	3.8-6.0	Bulk Density:	Approx. 250-450 kg/m ³
Boiling Point:	Not applicable	Thermal Decomposition	>140°C
Melting Point:	140°C (284°F)	Viscosity:	Not applicable
Flash Point:	Not applicable	Solubility:	Soluble in water (>300g/l at 20°C). Soluble in organic solvents
Specific Gravity:	Not available		

10 STABILITY AND REACTIVITY

Reactivity:	Product is stable
Chemical Stability:	Product is stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	No data available
Incompatible Materials:	No data available
Hazardous Decomposition Products:	No data available

11 TOXICOLOGICAL INFORMATION

Acute Toxicity	Acute Oral Toxicity Rats (LD50): >10,000mg/kg of body weight Acute Dermal/Eye Toxicity Rabbits: Non irritant
Skin:	Non-irritant
Eyes:	Non-irritant
Respiratory:	No aspiration hazard expected
Ingestion:	No data available
Carcinogenicity:	In long-term animal studies in which substances was given in high doses by feed, a carcinogenic effect was not detected.
Teratogenicity:	No indications of a developmental toxic or teratogenic effect were seen in animal studies
Germ Cell Mutagenicity:	No mutagenicity detected in various tests with bacteria and mammalian cell cultures
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	LC50 (96h) > 10,000mg/l, Brachydanio rerio (OECD Guideline 203, static)
Aquatic Invertebrate:	EC50 (48h) > 100mg/l, Daphnia magan (Directive 79/831/EEC, static)
Aquatic Plants:	EC50 (72h) > 100mg/l (biomass), Scenedesmus subspicatus (OECD Guideline 201, static)
Persistence and Degradability:	No data available
Bioaccumulative Potential:	Based on its structural properties, the polymer is not biologically available. Accumulation in organisms is not to be expected.
Mobility in Soil:	No data available
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data available
Products of Degradation:	Poorly eliminated from water. Approx 20-30% DOC reduction (15d) (OECD guideline 302B) (aerobic, activated sludge, adapted)

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 change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA): Not classified as dangerous goods under transport regulations

TDG (Transportation of Dangerous Goods, Canada): Not classified as dangerous goods under transport regulations

IMDG (International Maritime Dangerous Goods): Not classified as dangerous goods under transport regulations

IATA (International Air Transport Association): Not classified as dangerous goods under transport regulations

ICAO (International Civil Aviation Organization): Not classified as dangerous goods under transport regulations

15 REGULATORY INFORMATION

TSCA Inventory Status: Chemical: released/listed; Cosmetic: released/exempt

EPCRA 311/312: Not hazardous

CA Prop. 65 This product contains a chemical known to the state of CA to cause cancer

16 OTHER INFORMATION

Revision Date: 06-27-2016

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.