

## Castor Wax

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

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### 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Castor Wax  
**Synonyms:** Not available  
**INCI Name:** Hydrogenated castor oil  
**CAS Number:** 8001-78-3  
**Formula:** Not available  
**Product Form:** Solid  
**Product Use:** Cosmetic use

**Distributor:** XI'AN AOGU BIOTECH CO.,LTD  
**Address:** Room 606,Block B3,Jinye Times,No.32,East Section of  
Jinye Road,Yanta District,Xi'an Shaanxi 710065 China  
**Phone / Fax:** 0086-29-89121514 0086-18091843361  
**Web:** [www.aogubio.com](http://www.aogubio.com)

**Emergency Telephone Number: 86-180-9184-3361(Chemtrec)**

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Combustible dust  
**Signal Word:** **WARNING**  
**GHS Hazard Pictograms:** None  
**GHS Hazard Statements:** May form combustible dust concentrations in air.  
**GHS Precautionary Statements:** None  
**Potential Health Hazards:** Eyes: May cause slight irritation to eyes. Exposure may aggravate pre-existing eye conditions.  
Inhalation: Dust may be harmful or cause irritation. Exposure may aggravate pre-existing respiratory conditions.  
Skin: Exposure may aggravate pre-existing skin conditions. Prolonged exposure may cause skin irritation.  
Ingestion: Ingestion may cause adverse effects.

**NFPA Ratings (704):**

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Hydrogenated castor oil	8001-78-3	100%	N/A

### 4 FIRST AID MEASURES

**Eyes:** Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persist.

**Inhalation:** Using proper respiratory protection, move the exposed person to fresh air at once. Encourage exposed person to cough, spit out, and blow nose to remove dust. Immediately call a poison center, physician, or emergency medical service.

**Skin:** Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.

**Ingestion:** Rinse mouth. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** May be combustible at high temperature. Use appropriate media (water spray, carbon dioxide, foam, dry chemical. Use extinguishing media appropriate for surrounding fire). Do not use heavy water stream. Use of heavy stream of water may spread fire.

**Special protective equipment &** Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed

**precautions for firefighters:** containers. Do not enter fire area without proper protective equipment, including respiratory protection.

**Flash Points:** >310° C (590° F)

**Specific hazards arising from the chemical:** Combustible Dust. Dust explosion hazard in air. Hazardous reactions will not occur under normal conditions. Risk of dust explosion. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust. Avoid generating dust. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

**Environmental precautions:** Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area. Prevent entry to sewers and public waters. Avoid release to the environment. Notify environmental authorities in case of large leaks.

**Methods and material for containment and cleaning up:** Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Avoid generation of dust during clean-up of spills. In solid form: Use explosion proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use only non-sparking tools. If melted: allow liquid to solidify before taking it up. Clean up spills immediately and dispose of waste safely. Contact competent authorities after a spill.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust. Avoid creating or spreading dust. Keep away from heat, sparks, open flames, hot surfaces. - No smoking. Handle in accordance with good industrial hygiene and safety procedures. 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:** Comply with applicable regulations. Avoid creating or spreading dust. Use explosion-proof electrical, ventilating, lighting equipment. Proper grounding procedures to avoid static electricity should be followed. Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials (see section 10 for incompatibilities). Storage temperature: ≤65° C. Keep only in the original container.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Hydrogenated castor oil	N/A		

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, goggles, or face shield recommended for eye protection.

**Inhalation:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Body:** Gloves and suitable protective clothing should be worn to prevent prolonged skin contact.

**Other:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Proper grounding procedures to avoid static

electricity should be followed. Use explosion-proof equipment. Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits. Power equipment should be equipped with proper dust collection devices. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure all national/local regulations are observed.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Solid, white flakes	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Like hardened vegetable oil	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	White	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH:</b>	Neutral	<b>Flash Point:</b>	>310 °C (590 °F)
<b>Boiling Point:</b>	>300 °C (572 °F)	<b>Specific Gravity:</b>	0.99 (@ 25°C / 77°F)
<b>Melting Point:</b>	>65 °C (149 °F)	<b>Solubility in Water:</b>	Insoluble
<b>Relative Density:</b>	No data available	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	No data available	<b>Freezing Point:</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Hazardous reactions will not occur under normal conditions.
<b>Chemical Stability:</b>	Stable under recommended handling and storage conditions (see section 7).
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur.
<b>Conditions to Avoid:</b>	Temperatures above. Melting point. Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition. Dust accumulation (to minimize explosion hazard).
<b>Incompatible Materials:</b>	Strong acids, strong bases, strong oxidizers.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition generates: Carbon monoxide, carbon dioxide and noncombusted hydrocarbons (smoke).

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Not classified
<b>Skin:</b>	LD50: >10 g/kg Prolonged exposure may cause skin irritation.
<b>Eyes:</b>	May cause slight irritation to eyes.
<b>Respiratory:</b>	Dust may be harmful or cause irritation.
<b>Ingestion:</b>	Ingestion may cause adverse effects.
<b>Carcinogenicity:</b>	No data available
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	Not classified
<b>Embryotoxicity:</b>	No data available
<b>Specific Target Organ Toxicity:</b>	No data available
<b>Reproductive Toxicity:</b>	Not classified
<b>Respiratory/Skin Sensitization:</b>	Not classified
<b>Corrosivity:</b>	Not classified
<b>Sensitization:</b>	No data available
<b>Irritation:</b>	Not classified
<b>Repeated Dose Toxicity:</b>	Prolonged contact with dust can produce mechanical irritation.

## 12 ECOLOGICAL INFORMATION

Ecotoxicity

<b>Aquatic Vertebrate:</b>	LD50: >10000 mg/L (96h) ( <i>Brachydanio rerio</i> )
<b>Aquatic Invertebrate:</b>	No data available
<b>Terrestrial:</b>	No data available
<b>Persistence and Degradability:</b>	Not established.
<b>Bioaccumulative Potential:</b>	Not established.
<b>Mobility in Soil:</b>	No data available
<b>PBT and vPvB Assessment:</b>	No data available
<b>Other Adverse Effects:</b>	Avoid release to the environment.

### 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	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.
<b>Product Containers:</b>	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

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

### 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	Listed
<b>DSCL (EEC):</b>	No data available
<b>WHMIS (Canada):</b>	No data available
<b>DSL (Canada):</b>	No data available
<b>EU EINECS/ELINCS/NLP:</b>	No data available
<b>China IECSC:</b>	No data available
<b>China IECIC (06.30.2014):</b>	No data available
<b>Australia AICS:</b>	No data available
<b>Japan ENCS:</b>	No data available
<b>Philippines PICCS:</b>	No data available
<b>Korea KECI:</b>	No data available
<b>SARA Section 311/312</b>	Fire Hazard
<b>Hazard Classes:</b>	Sudden Release of Pressure Hazard
<b>US State Regulations:</b>	Neither this product nor its chemical components appear on any US state lists.

### 16 OTHER INFORMATION

<b>Revision Date:</b>	14-Sep-2021
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	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.