

Stearyl Alcohol

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

Revision Date: 20-Aug-2022
Supersedes: 24-Jun-2022

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Stearyl Alcohol	Distributor:	XI'AN AOGU BIOTECH CO.,LTD
Synonyms:	No data available	Address:	Room 606,Block B3,Jinye Times,No.32,East Section of Jinye Road,Yanta District,Xi'an Shaanxi 710065 China
INCI Name:	Stearyl alcohol	Phone / Fax:	0086-29-89121514 0086-18091843361
CAS Number:	112-92-5	Web:	www.aogubio.com
Formula:	No data available	Emergency Telephone Number:	0086-18091843361
Product Form:	Solid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified												
GHS Labeling:	Not a dangerous substance according to GHS												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	None												
GHS Precautionary Statements:	None												
Potential Health Hazards:	Eyes: Not expected to be irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: Not expected to be irritant.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">0</td> <td style="padding-left: 20px;">Minimal</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td style="padding-left: 20px;">Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td style="padding-left: 20px;">Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td style="text-align: center;">N/A</td> <td></td> </tr> </table>	Health	0	Minimal	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	0	Minimal											
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>
Stearyl Alcohol	112-92-5	100%	Not Available

4 FIRST AID MEASURES

Eyes:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Inhalation:	Supply fresh air; consult a doctor in case of complaints.
Skin:	Immediately wash skin with soap and water. If skin irritation continues, consult a doctor.
Ingestion:	Rise out mouth and then drink plenty of water. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Call for medical help immediately. Call a doctor immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (CO2, powder, water spray) for adjacent fire. Do not use direct water jet.
Special protective equipment & precautions for firefighters:	Do not inhale explosion gases or combustion gases. Avoid breathing dust/fumes/gas/mist/vapors/spray. Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. In case of inadequate ventilation, wear suitable respiratory protection.
Flash Points:	341.60°F (172.00°C)
Specific hazards arising from the chemical:	May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

<p>Personal precautions, protective equipment & emergency procedures:</p> <p>Environmental precautions:</p> <p>Methods and material for containment and cleaning up:</p>	<p>Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.</p> <p>Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.</p> <p>Absorb with liquid-binding material (e.g., sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.</p>
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7 HANDLING & STORAGE

<p>Precautions for safe handling:</p> <p>Conditions for safe storage, incl. any incompatibilities:</p>	<p>Open and handle receptacle with care. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.</p> <p>Store in cool, dry well-ventilated area. Store only in the original receptacle. Keep container tightly sealed when not in use. Keep ignition sources away - do not smoke. Store away from oxidizing agents. Keep away from heat and incompatible materials (see section 10 for incompatibilities).</p>
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8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Stearyl Alcohol	Not available		

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:

<p>Eyes:</p> <p>Inhalation:</p> <p>Body:</p> <p>Other:</p>	<p>Safety glasses, goggles recommended during refilling.</p> <p>Use suitable respiratory protective device only when aerosol or mist is formed.</p> <p>Suitable protective clothing should be worn. The glove material has to be impermeable and resistant to the product/the preparation. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.</p> <p>Be sure to clean skin thoroughly after work and before breaks. Avoid contact with the eyes and skin. Immediately remove all soiled and contaminated clothing. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.</p>
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9 PHYSICAL AND CHEMICAL PROPERTIES

<p>Appearance:</p> <p>Odor:</p> <p>Odor Threshold:</p> <p>Color:</p> <p>Molecular Weight:</p> <p>pH:</p> <p>Boiling Point:</p> <p>Melting Point:</p> <p>Relative Density:</p> <p>Partition Coefficient: n-octanol/water:</p> <p>Viscosity (dynamic):</p> <p>Oxidizing Properties:</p>	<p>Solid</p> <p>Mild</p> <p>No data available</p> <p>White</p> <p>No data available</p> <p>No data available</p> <p>330-360 °C @ 760 mmHg</p> <p>56-59 °C</p> <p>No data available</p> <p>No data available</p> <p>6-9 mPa.s @ 60 °C</p> <p>No data available</p>	<p>Vapor Pressure:</p> <p>Vapor Density:</p> <p>Evaporation Rate:</p> <p>Flammability:</p> <p>Upper/lower Explosive Limit:</p> <p>Flash Point:</p> <p>Specific Gravity:</p> <p>Solubility in Water:</p> <p>Auto-Ignition Temperature:</p> <p>Decomposition Temperature:</p> <p>Explosive Properties:</p> <p>Freezing Point:</p>	<p>0.0005 mmHg @ 38 °C</p> <p>No data available</p> <p>No data available</p> <p>Product is not flammable</p> <p>No data available</p> <p>341.60 °F (172.00 °C)</p> <p>No data available</p> <p><1.0 mg/L @ 23 °C</p> <p>269 °C</p> <p>No data available</p> <p>No data available</p> <p>No data available</p> <p>No data available</p>
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10 STABILITY AND REACTIVITY

<p>Reactivity:</p> <p>Chemical Stability:</p> <p>Hazardous Polymerization:</p>	<p>No data available</p> <p>Stable.</p> <p>No potential known.</p>
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Conditions to Avoid:	No data available
Incompatible Materials:	Keep away from heat and direct sunlight. Keep ignition sources away - Do not smoke. Store away from oxidizing agents.
Hazardous Decomposition Products:	No data available

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	LD50: 8000 mg/kg
Eyes:	No data available
Respiratory:	No data available
Ingestion:	LD50: 2000 mg/kg
Carcinogenicity:	Not a carcinogen.
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	No data available
Irritation:	No irritating effect.
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	Generally not hazardous for water.
Aquatic Vertebrate:	No data available
Aquatic Invertebrate:	No data available
Terrestrial:	No data available
Persistence and Degradability:	Easily biodegradable.
Bioaccumulative Potential:	Does not accumulate in organisms.
Mobility in Soil:	No data available
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Follow all Federal, State, and Local regulations for non-hazardous waste disposal. Dispose in accordance with all applicable Federal, State, and Local environmental regulations. Empty containers should be recycled or disposed of through an approved waste management facility.
Product Containers:	Disposal methods identified are for the product as sold. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options permissible under applicable rules, regulation and/or laws governing your locations.

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 regulated.
TDG (Transportation of Dangerous Goods, Canada):	No data available
IMDG (International Maritime Dangerous Goods):	Not regulated. Marine Pollutant: NO
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	No data available
Harmonization Code:	2905.17.0000

15 REGULATORY INFORMATION

TSCA Inventory Status:	TSCA Registered. TSCA 5(a) SNUR: NO
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
DSL (Canada):	Listed.
EU EINECS/ELINCS/NLP:	Listed on EINECS.
China IECSC:	Listed.
China IECIC (06.30.2014):	No data available
Australia AICS:	Listed.
Japan ENCS:	Listed.
Philippines PICCS:	Listed.
Korea KECI:	Listed on ECL.
New Zealand NZIoC:	Listed.

16 OTHER INFORMATION

Revision Date:	20-Aug-2022
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.