

Material Safety Data Sheet

Rev. 08/20/99

Identity

Laterite



Aquarium Pharmaceuticals, Inc.
50 E Hamilton Street
P.O. Box 218
Chalfont PA 18914

General Info. (215)822-8181
For Poison Control Information,
please contact your regional
Poison Control Center

• Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits	%
Laterite				
(a)Quartz (CAS# 14808-60-7)	2.3 mg/m ³ (respirable quartz) 3 mg/m ³ (total quartz)	-	0.05 mg/m ³ (NIOSH TWA) 25 mg/m ³ IDLH (as quartz)	-
(b)Bauxite (CAS# 1344-28-1)	-	-	-	-
(c)Iron Oxide (CAS# 1309-37-1)	10 mg/m ³	-	5 mg/m ³ (NIOSH TWA) 2500 mg/m ³ IDLH (as Fe)	-
(d)Titanium Dioxide (CAS# 13463-67-7)	15 mg/m ³	-	5000 mg/m ³ IDLH	-

• Physical/Chemical Characteristics

Boiling Point	(a)4271° F (b)No Data (c)No Data (d)572° F	Specific Gravity (H₂O = 1)	(a)2.66 (b)No Data (c)5.24 (d)4.26
Vapor Pressure (mm Hg.)	(a)0 (b)No Data (c)0 (d)0	Melting Point	(a)3110° F (b)No Data (c)246° F (d)3326 - 3362° F
Vapor Density (Air = 1)	No Data	Evaporation Rate	No Data
Solubility in Water	Practically Insoluble		
Appearance and Odor	Red-brown color. Granular to powdery in texture.		

• Fire and Explosion Hazard Data

Flash Point (Method Used)	Noncombustible	Flammable Limits	LEL	NA	UEL	NA
Extinguishing Media	Use appropriate media to fight underlying fire					
Special Firefighting Procedures	None known					
Unusual Fire and Explosion Hazards	None known					

• Reactivity Data

Stability	Unstable <input type="checkbox"/>	Conditions to Avoid	NA
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Stable <input checked="" type="checkbox"/>	
Incompatibility (Materials to Avoid)	(a)Powerful oxidizers, fluorine, chlorine trifluoride, manganese trioxide, oxygen difluoride, hydrogen peroxide, acetylene, ammonia, (b)No Data, (c)Calcium Hypochlorite, (d)None Reported
Hazardous Decomposition or Byproducts	No Data
Hazardous	May Occur <input type="checkbox"/> Conditions to Avoid NA
Polymerization	Will Not Occur <input checked="" type="checkbox"/>
• Health Hazard Data	
Route(s) of Entry:	Inhalation? <input checked="" type="checkbox"/> Skin? <input checked="" type="checkbox"/> Ingestion? <input type="checkbox"/>
Health Hazards (Acute & Chronic)	(a)Inhalation may cause cough, dyspnea (breathing difficulty), wheezing, decreased pulmonary function, progressive respiratory symptoms (silicosis), irritation to the eyes, potential carcinogen; Target Organ(s): Eyes, Respiratory System, (b)No data, (c)Benign pneumoconiosis with X-ray shadows indistinguishable from fibrotic pneumoconiosis (siderosis); Target Organ(s): Respiratory System, (d) Lung fibrosis, potential carcinogen; Target Organ(s): Respiratory System
Carcinogenicity	NTP? <input type="checkbox"/> IARC? <input type="checkbox"/> OSHA? <input checked="" type="checkbox"/>
Signs & Symptoms of Exposure	See Health Hazards
Medical Conditions Generally Aggravated By Exposure	No Data
Emergency and First Aid Procedures	<p>If a person breathes large amounts of this material, move the exposed person to fresh air at once. If breathing has stopped, perform mouth to mouth resuscitation. Keep the affected person warm and at rest. Get medical attention as soon as possible.</p> <p>If this material contacts the eyes, immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention immediately. Contact lenses should not be worn when working with this material.</p>
• Precautions for Safe Handling and Use	
Steps to Be Taken in Case Material is Released or Spilled	Avoid creating dust. Sweep up and place in sealed container
Waste Disposal Method	Dispose of in accordance with federal, state and local regulations.
Precautions to Be Taken in Handling and Storing	Avoid creating airborne dust.
Other Precautions	None Known
• Control Measures	
Respiratory Protection	If conditions require, a dust mask/respirator.
Ventilation	As necessary to keep airborne dust to a minimum
Protective Gloves	Not required.
Eye Protection	As necessary to keep particulate matter from contacting eyes.
Other Protective Clothing or Equipment	None Known
Work/Hygienic Practices	Use engineering controls to keep dust to a minimum. Practice good sanitary habits after handling (ie. wash hands).