

Safety Data Sheet



Revision Date: 6/27/2014

SDS #: 10268

Fluorescent Mounting Media

1. PRODUCT AND COMPANY IDENTIFICATION

Product Description:

Product Code

Fluorescent Mounting Media

71-00-16

Hazardous Reagent

Fluorescent Mounting Media

Hazardous Reagent Product code

Catalog No. listed above

Recommended Use Reagent

Contact Manufacturer KPL, Inc.
910 Clopper Road
Gaithersburg, Maryland 20878
USA

Phone #: 1-301-948-7755
Fax #: 1-301-948-0169
Web: www.kpl.com
Email: kplmsds@seracare.com

Emergency Telephone Numbers:

AUSTRALIA – POISONS INFORMATION CENTER	Telephone: 13 11 26	Hours: 24 hours
CANADIAN TRANSPORT EMERGENCY CENTER	Telephone: (1) 613 996 6666	Hours: 24 hours/day, 7 days/week
UK – THE NATIONAL FOCUS	Telephone: (44) 029 2041 6388	Hours: 09:00-17:00 GMT
USA- NATIONAL RESPONSE CENTER	Telephone: (1) 800 424 8802	Hours: 24 hours/day, 7 days/week

CHEMTREC: CHEMTREC Customer Number:- CCN12505*
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 CCN12505 or
+1 703-527-3887 (collect calls accepted)

2. HAZARD IDENTIFICATION

Hazard Type Skin Sensitizer; Harmful if swallowed

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Classification Propyl 3,4,5-trihydroxybenzoate CAS No: 121-79-9 EC No: 204-498-2 GHS
Classification: Acute toxicity, Category 4, oral; H302 | Skin sensitisation, Category
1; H317

Hazard Statement H302 : Harmful if swallowed.
H317 : May cause an allergic skin reaction.

Precautionary Statement P264 : Wash skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

Symbols of Danger GHS07
Warning



Data for 100% Hazardous Chemical

ROUTES OF EXPOSURE	Information on the main route of exposure for propyl-3,4,5-trihydroxybenzoate (mostly referred to as propyl gallate, PG) in the industrial context is not available. In non-occupational situations resorption of minor amounts is assumed to occur via the digestive tract and the skin.
INHALATION RISK:	There is a lack of specific information on industrial exposure conditions and, likewise, of studies on pulmonary resorption. However, possible resorption via the respiratory tract should be assumed
SHORT-TERM EXPOSURE	Only insufficient information on the irritative potential; moderate sensitising potential
LONG-TERM EXPOSURE:	Allergic skin diseases, blood-damaging potential (in animal experiments).

The product is a Mixture. It May Cause the following symptoms.

EYES: Redness. Pain

SKIN: May be absorbed. Redness. Pain

INGESTION: Abdominal pain. Sore throat.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CHEMICAL</u>	<u>% Weight</u>	<u>CAS #:</u>
Fluorescent Mounting Media	1,2,3-Propanetriol	≤100%	56-81-5
	propyl 3,4,5-trihydroxybenzoate	5%	121-79-9

Classification

Propyl 3,4,5-trihydroxybenzoate CAS No: 121-79-9
 EC No: 204-498-2 GHS Classification: Acute toxicity, Category 4, oral; H302 | Skin sensitisation, Category 1; H317

4. FIRST AID MEASURES

Data for 100% Hazardous Chemical

	Rinse the mouth and spit the fluids out. If the casualty is conscious have him drink copious amounts of liquids (water). Lay the casualty down in a quiet place and protect him against hypothermia. Arrange medical treatment.
Inhalation First Aid:	Fresh air, rest.
Skin First Aid:	Remove contaminated clothing while protecting yourself. Immediately cleanse the affected skin areas with soap under running water. If available, best apply polyethylene glycol (e.g. Lutrol, PEG 400) and allow some minutes for it to take effect before rinsing with water.
Eye First Aid:	Rinse the affected eye with widely spread lids for 10 minutes under running water whilst protecting the unimpaired eye. Arrange medical treatment.

5. FIRE FIGHTING MEASURES

Data For 100% Hazardous Chemical

Fire Acute Hazard:	Fire Prevention:	Fire Fighting:
Not Combustible	Not Available	Water (spray - not splash) Dry extinguishing powder Foam Carbon dioxide
Explosion Acute Hazard:		
Not Available	Technical, constructive measures: Substance is combustible. Dust forms explosive mixtures with air. Fire fighting equipment must be available. Precaution on handling: Areas in which the substance can arise as a dust in such quantities that a dust explosion could occur are to be considered as at a risk of explosion. Keep away from sources of ignition (e.g. open flames, heat sources and sparks).	Seek immediate cover in case of sudden release and raising of large quantities of dust. Cool surrounding containers with water spray. If possible, take container out of dangerous zone. Shut off sources of ignition.
CHEMICAL DANGER	HAZARDOUS REACTIONS:- Decomposition temperature: > 148 °C	
PHYSICAL DANGERS	Not Available	

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin, eyes and clothing. Avoid dust formation. Avoid breaking vapors, mist or gas.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Should not be released into the environment. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.
Method of Containment	Wear respiratory protection, eye protection, hand protection and body protection. Carefully sweep up, gather and remove. Avoid rising dust. Afterwards ventilate area and wash spill site.
Methods of Clean-up	Clean up of spills requires no special equipment or procedures. Clean with copious amounts of water.
Other Information	Not Available

Data for 100% Hazardous Chemical

SPILLAGE DISPOSAL	Endangerment of water: Hazard to waters. Inform the responsible authorities when larger quantities get into water, drainage, sewer, or the ground.
--------------------------	--

7. HANDLING AND STORAGE

Handling:	Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Remove and wash contaminated clothing before re-use.
Storage:	Store at room temperature.

Data for 100% Hazardous Chemical

STORAGE	Label Appropriately and Store in a dry place in a tightly closed container.
----------------	---

8. EXPOSURE CONTROL

Data for 100% Hazardous Chemical

INHALATION	Ventilation.
EYES	Safety Spectacles.
Skin	Protective gloves. Protective clothing.
INGESTION	Do not eat, drink, or smoke during work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear to Pale Yellow Solution

Physical State Liquid

pH: Not Available

Data for 100% Hazardous Chemical

Melting point: 145 - 148 °C	Flash point: 187 °C	SOLUBILITY IN WATER - Concentration: 3,5 g/l @ Temperature: 25 °C
-----------------------------	---------------------	--

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal condition

Incompatibility Materials to Avoid Strong oxidizing agents and strong bases

Hazardous Decomposition Products Carbon Monoxide, Carbon Dioxide

Hazardous Polymerization Will not occur

Data for 100% Hazardous Chemical

CHEMICAL DANGER	HAZARDOUS REACTIONS:- Decomposition temperature: > 148 °C
PHYSICAL DANGERS	Not Available

11. TOXICOLOGY MEASURES

Acute Toxicity

The toxicological risks are minor due to the low concentration of hazardous ingredients. The following toxicological information is for the hazardous ingredient in pure form.

LD50 Oral Propyl 3,4,5-trihydroxybenzoate CAS No: 121-79-9 | LD50 oral rat:
Value: 2100 mg/kg
Reference: National Technical Information Service. Vol. PB245-441,

LD50 Dermal Not Available

LC50 Inhalation Not Available

Chronic Toxicity

Carcinogenicity Not Available

Irritation Not Available

Corrosivity Not Available

Sensitization May cause allergic skin reaction

Neurological Effects Not Applicable

Mutagenic Effects Not Applicable

Reproductive Effects Not Applicable

Developmental Effects Not Applicable

Target Organ Effects Skin and Eye

Other adverse effects Not Applicable

12. ECOLOGICAL MEASURES

Ecotoxicity	Propyl 3,4,5-trihydroxybenzoate CAS No: 121-79-9 EC No: 204-498-2 Hazard to waters. Inform the responsible authorities when larger quantities get into water, drainage, sewer, or the ground.
Persistence/Degradability	Not Available
Mobility in Environmental Media	Not Available
Bioaccumulation/Accumulation	Not Available

13. DISPOSAL MEASURES

Waste Disposal Method:	If there is no way of recycling it must be disposed of in compliance with the respective national and local regulations. Collection of small amounts of substance: Do not put/place waste into sink or dust bin. Collect in container for solid organic residues. Collection vessels must be clearly labelled with a systematic description of their contents. Store the vessels in a well-ventilated location. Entrust them to the appropriate authorities for disposal.
Contaminated Packaging:	Avoid contact with skin and clothing. Place contaminated packaging in a break proof outer vessel and dispose on in compliance with national and local regulations.
US EPA Waste Number:	Not Applicable

14. TRANSPORTATION MEASURES

DOT:	Not Available
IATA:	Not Available
ADR (road)/ RID (rail):	Not Available
IMDG (sea):	Not Available
General Transport Regulations	Not Applicable

15. REGULATORY MEASURES

This product is a mixture that may contain one or more hazardous chemicals. The hazardous ingredients listed are only those as required by 29 CFR 1910.1200 q 2.C1.

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains no chemical or chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (See 40 CFR 61)

This product contains no chemical or chemicals which are subject to the reporting requirements of the Clean Air Act.

State Regulations

California Proposition 65:

This product contains the following Proposition 65 chemicals: Not Listed

State Right to Know Act

Chemical Name	1,2,3-Propanetriol	propyl 3,4,5-trihydroxybenzoate
Massachusetts	Listed	Not Listed
New Jersey	Listed	Not Listed
Pennsylvania	Listed	Not Listed
New York	Not Listed	Not Listed
Rhode Island	Listed	Not Listed

International Inventories

Chemical Name	1,2,3-Propanetriol	propyl 3,4,5-trihydroxybenzoate
TSCA	Listed	Listed
DSL	Listed	Listed
NDSL	Not Listed	Not Listed
EINECS	Listed	Listed
CHINA	Listed	Listed
KECL	Listed	Listed
JAPAN:	Listed	Listed
AICS	Listed	Listed

EU Regulations

Annex I Index#	607-198-00-3
Classification	Propyl 3,4,5-trihydroxybenzoate CAS No: 121-79-9 EC No: 204-498-2 GHS Classification: Acute toxicity, Category 4, oral; H302 Skin sensitisation, Category 1; H317
Risk Phrases	H302 : Harmful if swallowed. H317 : May cause an allergic skin reaction.
Safety Phrases	P264 : Wash skin thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.
Symbols and Indications of Danger	GHS07 Warning
Specific Concentration Limits	Not Available
Export and Import	This substance is not listed in the Annex I of Regulation (EC) No 649/2012.
European Priority List	This substance is not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances.).

16. OTHER INFORMATION

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. KPL shall not be held liable for any damage resulting from handling or from contact with the above product. Users should make their own investigations to determine the suitability of the information for their particular purposes. This material is sold for research purposes and is intended as laboratory reagents only. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals.

Revision Date: 6/27/2014