

**BLACK MAGIC LPE310 LIQUID PHOTO EMULSION**

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**1. IDENTIFICATION OF SUBSTANCE**

**Product name/** Black Magic LPE 310 liquid photo emulsion variable contrast  
**Trade name**  
**Use for** Photographic emulsion  
**Manufacturer/Supplier** LABOR PARTNER FOTOVERTRIEBS GmbH, Geesthachter Str. 66  
21502 Geesthacht, Germany  
**Telephone number** + 49 40 237008-88

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**2. COMPOSITION/DATA ON COMPONENTS**

Mixture of substances listed below with nonhazardous additions.

**Description** Solution with inorganic and organic substances

**Dangerous components:**

Number	%	CAS-No.	Chemical name	EINECS-No.
			<b>Hazard description</b>	
1	0,03		Phenol	non regulated
2	2,4	7785-23-1	Silver bromide/silver chlorobromide halides	2320768 non regulated
3	0,22		Ethanol	non regulated

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**3. HAZARDS IDENTIFICATION**

**Hazard designation:** Void

**Information pertaining to particular dangers for man and environment:** Void

**Classification system:** The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

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**4. FIRST AID MEASURES**

**General information** No special measures required.

**First aid**

**general** no special measures required.  
**inhalation** fresh air  
**skin** Flush with water  
**eyes** Flush with plenty of water at last 15 minutes.  
Get medical attention promptly.  
**swallowing** Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; instantly call for medical help.

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**5. FIRE AND EXPLOSION HAZARD**

**Extinguishing media** Use agent appropriate for surrounding.

**Unsuitable extinguishing media** None

**Special fire fighting procedures** Protection against inhalation of the fire gases.

**Unusual fire and explosion hazard** Fire or excessive heat may cause production of hazardous decomposition products ( carbon monoxide, carbon dioxide, sulphur dioxide).

**Protective equipment** No special measure required.

**Other informations:** Product is not combustible.

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**6. ACCIDENTIAL RELEASE MEASURES**

**Person-related safety precautions** Wear suitable individual clothing.

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**Measures for environmental protection** Do not allow to enter drainage system, surface or ground water.  
**Measure for cleaning/collecting** Collect in a container and disposed of waste.

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**7. HANDLING AND STORAGE**

**Handling** No special precautions necessary if used correctly.  
Open under darkroom safelight only.

**Information about protection against explosions and fires** No special measures required.

**Storage** No special requirements. Keep container tightly sealed.  
Store in refrigerator. Temperature of storage: 5 to 8°C (41 to 47°F)

**Storage class** Class according to regulation on inflammable liquids: Void.

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**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION****Additional information about design of technical systems**

No further data; see item 7.

**Components with values that require monitoring at the workplace**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:****Personal protective**

rules

**and hygienic measure:**

The list that were valid during the compilation were used as basis.

The usual precautionary measures should be adhered to general

for handling chemicals. Keep away from foodstuffs, beverages and food. Take off immediately all contaminated clothing. Wear gloves.

**Breathing equipment**

Not required. Product should be used in well ventilated rooms.

**Protection of hands**

Protective gloves.

**Eye protection**

Safety glasses.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Form** Solid at 20°/68F

**Colour** yellowish/cloudy

**Odour** Not characteristic, faint odour

**pH-value** 5,9 (at 25°C/77F)

**Boiling point/boiling range** ≥ 100 °C

**Melting point/melting range** □ 0 °C

**Flash point** Not applicable

**Self-inflamability** Product is not self igniting.

**Danger of explosion** Product is not explosive.

**Vapour pressure** not applicable

**Density**

**Solubility in / Miscibility with**

**Water** partially miscible

**Water content** approx. 91,2%

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**10. STABILITY AND REACTIVITY**

**Thermal decomposition/ conditions to be avoided** No decomposition if used according to specifications.

**Dangerous reactions** Not applicable

**Dangerous products of decomposition** Toxic fumes

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**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

on the skin

Irritant effect

on the eyes

Irritant effect

Sensitization

Sensitization possible by skin contact.

**Additional toxicological calculation**

The product is not subject to classification according to the Information

**Method of the General EC Classification Guidelines for Preparations as issued in the latest version.**

When used and handled according to specifications, the products does not have any harmful effects according to our experience and the information provided to us.

**12. ECOLOGICAL INFORMATION****General notes****(Self-assessment):**Water hazard class 2 (German Regulation)  
slightly hazardous for water.**13. DISPOSAL CONSIDERATIONS****Product Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated under adherence to official regulations.

**Uncleaned packaging Recommendation:**

Non contaminated packaging can be used for recycling. Empty contaminated thoroughly: They can be recycled after thorough and proper cleaning.

**Recommended cleaning agent:**

Water, if necessary with cleaning agent.

**14. TRANSPORT INFORMATION****Land transport****ADR/RID-GGVS/E Class**

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**UN-Number**

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**Maritime transport IMDG****IMDG-Class**

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**UN-Number**

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**Air transport ICAO-TI and IATA-DGR****ICAO/IATA Class**

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**UN/ID-Number**

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**Transport/Additional information**

Not dangerous according to the above specifications.

**15. REGULATORY INFORMATION****Designation according to EC guidelines**

Observe the normal safety regulations when handling chemicals.

The product is not subject to classification according to the general Classification Guideline for Preparations of the EC as issued in the last version. The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

**National regulations classification according to VbF:**

Void

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**Water hazard class** 1 (Self-assessment): slightly hazardous for water

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**16. OTHER INFORMATION**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.