

BLACK MAGIC LPE310 LIQUID PHOTO EMULSION

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

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.	Hazard description
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

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.

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.

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.

6. ACCIDENTIAL RELEASE MEASURES

BLACK MAGIC LPE310 LIQUID PHOTO EMULSION

Person-related safety precautions	Wear suitable individual clothing.
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.

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.

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 and hygienic measure:	The list that were valid during the compilation were used as basis. The usual precautionary measures should be adhered to general rules 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%

10. STABILITY AND REACTIVITY

BLACK MAGIC LPE310 LIQUID PHOTO EMULSION

Thermal decomposition/ conditions to be avoided	No decomposition if used according to specifications.
Dangerous reactions	Not applicable
Dangerous products of decomposition	Toxic fumes

11. TOXICOLOGICAL INFORMATION

Acute toxicity

on the skin Irritant effect

on the eyes Irritant effect

Sensitization Sensitization possible by skin contact.

Additional toxicological The product is not subject to classification according to the calculation 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 Water hazard class 2 (German Regulation)
(Self-assessment): slightly hazardous for water.

13. DISPONSAL 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 -

UN-Number -

Maritime transport IMDG

IMDG-Class -

Page -

UN-Number -

Air transport ICAO-TI and IATA-DGR

ICAO/IATA Class -

UN/ID-Number -

Transport/Additional information Not dangerous according to the above specifications.

15. REGULATORY INFORMATION

BLACK MAGIC LPE310 LIQUID PHOTO EMULSION

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

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

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.