

LP-SEPIA Toner Part B BLACK AND WHITE

1. IDENTIFICATION OF SUBSTANCE

Product name/ Trade name LP-SEPIA Part B

Use for Photographic toner

Manufacturer LABOR PARTNER Fotovertriebs GmbH, Geesthachter Str. 66
D-21502 Geesthacht, Germany

Supplier Hans O. Mahn & Co, Brookstieg 4
D 22145 Hamburg-Stapelfeld

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2. COMPOSITION/DATA ON COMPONENTS

Description This is a liquid preparation in which organic and inorganic compounds are dissolved in water.

Dangerous components:

Name	%	CAS-No.	EINECS-No.	R-Phrases	S-Phrases
Thiourea	3-5	62-56-6	200-543-5	40-22	40-22

3. HAZARDS IDENTIFICATION

EC classification: See paragraph 15

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 measure required.

First aid

- inhalation** Move the victim to fresh air. Put person in half sitting position and let rest. In extreme cases seek medical advice.
- skin** Flush with plenty of water. Remove and wash contaminated clothing before reuse.
- eyes** Rinse eyes thoroughly with water until irritation stops. In all cases seek medical advice.
- swallowing** Rinse mouth with plenty of water. Give victim considerable amounts of water to drink, do not give anything to drink to an unconscious person. In extreme cases seek medical advice.
- other** Some people may develop allergic skin reaction when often and for a long period to this

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 (sulphur dioxide).

Protective equipment No special measure required.

Other informations: Product is not combustible.

6. ACCIDENTIAL RELEASE MEASURES

Person-related safety precautions Not required.

Measures for environmental protection Do not allow to enter drainage system, surface or ground water.

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Measure for cleaning/collecting Collect in a container and dispose of waste.
Additional information No dangerous materials are released.

7. HANDLING AND STORAGE

Handling Avoid formation of dust. Avoid contact.
Information about protection against explosions and fires No special measures required.
Storage No special requirements. Keep container tightly sealed.
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.

The list that were valid during the compilation were used as basis. The usual precautionary measures should be adhered to general

Additional information:
Personal protective rules and hygienic measure

for handling chemicals. Keep away from foodstuffs, beverages and food. Take off immediately all contaminated clothing. Wash hands during breaks and at the end of the work.

Breathing equipment
Protection of hands
Eye protection

Not required. Product should be used in well ventilated rooms.
Protective gloves.
Safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	liquid	
Form	Fluid at 20°C	
Colour	colourless	
Odour	odourless	
pH-value	1,0 (at 25 °C)	
Boiling point/boiling range	not determined	
Melting point/melting range	not relevant	
Flash point	not relevant	
Self-inflamability	Product is not self igniting.	
Danger of explosion	Product is not explosive.	
Vapour pressure	not determined	
Density	7 g/cm ³ (20 °C)	
Solubility in / Miscibility with Water		completely
Solubility in other solvents	not determined	
Partition coefficient n-octane/water		not determined
Viscosity	as water	
Other information	-	

10. STABILITY AND REACTIVITY

Thermal decomposition/ conditions to be avoided No decomposition if used according to specifications.
Dangerous reactions React with alkali and oxidizing agents.
Dangerous products of decomposition No dangerous decomposition products known.

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11. TOXICOLOGICAL INFORMATION

Acute toxicity	Thiourea LD50 (Oral Rat) = 125mg/kg
Primary irritant effect	
Halation	Avoid breathing mist, vapour or aerosols. Ventilate as required to keep concentrations low.
Skin contact	Avoid contact with skin.
Eye contact	Can cause irritation.
Ingestion	Harmful by ingestion. Always seek medical advice if ingestion occurs.
Other information	Thiourea-Chronic effects possible liver damage. Possible risk of irreversible effects.

12. ECOLOGICAL INFORMATION

General notes	no information about elimination and environmental compartments.
Other information	Thiourea is harmful to aquatic in low concentrations.

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

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

Designation according to EC guidelines	
Chemical identity	Thiourea
Risk phrases	R22 harmful if swallowed R40 possible risk of irreversible effects
Safety phrases	S2 keep out of reach of children S24/25 avoid contact with skin and eyes

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.