

24 hour transportation emergency telephone number: Chemtrec 800-424-9300

1. IDENTIFICATION OF SUBSTANCE

Product name/Trade name LP-SELENIA Toner

Use for Photographic bath

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

Supplier Hans O. Mahn & Co GEWERBEGEBEIT Stapelfled/Braak

Brooksteig 4 22145 Hamburg-Stapelfeld Telephone number ++49-40/237008-61

Telephone number ++49-40/237008-0

2. COMPOSITION/DATA ON COMPONENTS

Mixture of substances listed below with nonhazardous additions.

Description Solution with inorganic and organic substances

Dangerous components: Ammonium thiosulphate (No.1)

Sodium selenite (No. 2)

Number%CAS-No.Chemical name

130-407757-83-7 Ammonium thiosulphate

21 - 326970-82-1 Sodium selenite

Number EINECS-No. EG-No. Hazard description

1 None

2233-267-9 Toxic

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.

Get medical attention promptly.

In case of persistent symptoms consult doctor

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.

Protective equipment No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions Not required.

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

Measure for cleaning/collecting Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Additional information No dangerous materials are released

7. HANDLING AND STORAGE

Handling No special precautions necessary if

used correctly.

Information about protection No special measures required.

against explosions and fires

Storage No special requirements. Store in refrigerator

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.

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

Personal protective The usual precautionary measures should be adhered to general **and hygienic measure** rules for handling chemicals. Keep away from foodstuffs, beverages and food. Take off immediatly 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 Fluid at 20°C/68F

Colour colorless to yellowish

Odour according to ammonia

pH-value at 20°C, 8,7

Boiling point/boiling range > 100 °C

Melting point/melting range < 0 °C

Flash point Not applicable

Self-inflammability Product is not selfigniting.

Danger of explosion Product is not explosive.

Vapour pressure at 20°C 23 mbar

Density at 20°C at 20°C 1,280g/ccm

Solubility in / Miscibility with

Water fully miscible

10. STABILITY AND REACTIVITY

Thermal decomposition No decomposition if used according to specifications.

Conditions to be avoided

Dangerous reactions Reacts with strong acids and alkaline. Reaction with acids by releasing sulphur. Reaction with alkalines by releasing ammonia.

Dangerous products of decomposition Sulphur dioxide, ammonia

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Primary irritant effect

on the skin No irritant effect known

on the eyes Irritant effect.

Sensitization No sensitizing effect known.

Additional toxicological information The product is not subject to classification according to the calculation information

12. ECOLOGICAL INFORMATION

General notes Water hazard class 1 (German Regulation) (Self-assessment): 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 packagings

Recommendation: Non contaminated packagings 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-GGVSE 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

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

Technical instructions (air)

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.