

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical name/ Trade name: ATS Schnellfixierbad alkalisch

Application/use: Photographic toner

Company name: Moersch Photochemie, Am Heideberg 48
D 50354 Hürth, Germany

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2 HAZARDS IDENTIFICATION

Hazard description:

Xi Irritant

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 41 Risk of serious damage to eyes.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 COMPOSITION/INFORMATION ON INGREDIENTS

This product is a preparation according to the law for chemicals.

Description: Aqueous solution containing inorganic and organic substances

Name	Content	CAS	EINECS	CLASSIFICATION
Sodium sulfite	10-15%	7757-83-7	231-821-4	not classified
Ammonium thiosulphate	65-70%	7783-18-8	231-982-0	not classified
Diethylentriamine pentaacetic acid na5	1-2%	67-43-6	200-652-8	Xi R-36

Other information: further principal ingredient: Water

4 FIRST-AID MEASURES

After skin contact: Remove affected person from source of contamination.
Wash skin thoroughly with soap and water.
Contact physician if irritation continues..

After eye contact: At eye contact open eyelids wash with water, then immediately consult an eye specialist.

After swallowing:

Never make an unconscious person vomit or drink fluids! Remove victim immediately from source of exposure. Rinse mouth thoroughly. Drink a few glasses of water or milk. Provide rest, warmth and fresh air.

Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention.

5 FIRE-FIGHTING MEASURES

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment: Mouth respiratory protective device.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid contact with skin and eyes. Provide adequate ventilation. For personal protection, see section 8.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground. The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

SPILL CLEAN UP METHODS

For waste disposal, see section 13. Wear necessary protective equipment. Small quantities may be flushed to drains with plenty of water. Absorb in vermiculite, dry sand or earth and place into containers. Wash contaminated area with water. Prevent discharge of larger quantity to drain

7 HANDLING AND STORAGE

Handling:

Keep away from heat and direct sunlight.

Information about fire - and explosion protection: No special measures required.

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store under lock and key and out of the reach of children.

Recommended storage temperature: 5-25°C

8 OUTLINE DEMARCATION AND PERSONAL PROTECTION EQUIPMENT

PROTECTIVE EQUIPMENT

Breathing protection:

Sufficient ventilation, no additional protection necessary.

Hand protection:

Use chemical resistant gloves.

RESPIRATORY EQUIPMENT

Respiratory protection not required.

EYE PROTECTION Use approved safety goggles or face shield.
OTHER PROTECTION Wear appropriate clothing to prevent any possibility of skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Clear liquid
COLOR Colorless
ODOR Ammonia
SOLUBILITY 100% Soluble in water
BOILING POINT (°C) >100 760 mm Hg
RELATIVE DENSITY 1.45 20
pH-VALUE, CONC. SOLUTION 7.8

10 STABILITY AND REACTIVITY

STABILITY: No decomposition by correct use.
CONDITIONS TO AVOID: Avoid contact with acids and alkalies.
Generates toxic gas in contact with strong acid.

HAZARDOUS POLYMERISATION Will not polymerize.
MATERIALS TO AVOID Strong acids. Strong alkalies. Avoid contact with other photographic solutions and cleaning compounds.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures may form toxic and corrosive vapors. Ammonia Sulphurous gases (SO_x).

11 TOXICOLOGICAL INFORMATION

Acute toxicity:

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 ECOLOGICAL INFORMATION

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 INDICATIONS FOR WASTE MANAGEMENT

The corresponding local water-and waste regulations must be observed. Do not dispose with domestic garbage. Do not let it get into the sewage system.

European waste catalogue

09 01 04 fixer solutions

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

14 TRANSPORT INFORMATION

TRANSPORT NOTES This product is not classified as dangerous for transport by road, rail sea or air, (ADR/RID, IMDG, IATA). The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

ADR CLASS:	Not classified for transportation.
ROAD TRANSPORT NOTES:	Not classified for road transport
RAIL TRANSPORT NOTES:	Not classified for rail transport
SEA TRANSPORT NOTES:	Not classified for sea transport
AIR TRANSPORT NOTES:	Not classified for air transport

15 REGULATIONS

Identification by EC directives: The product is classified and labeled according to EC guidelines

Danger identification:	irritant
Relevant R-phrases	R-41 Risk of serious damage to eyes.

S sentences:	S-2 Keep out of reach of children. S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S-36/37 Wear suitable protective clothing and gloves. S-46 If swallowed seek medical advice immediately and show this container label. S-60 This material and its container must be disposed of as hazardous waste.
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Remarks:	This classification was carried out according to the calculation method for preparations guideline (88/379/EEC).
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Water endangering class	1 (water endangering) slightly hazardous for water
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16 OTHER INFORMATION

Use: Photographic toner

Further information:

These details refer merely on this above product and not needs to be valid, if this is occurred with another product or in an arbitrary process.

The information corresponds to our today's knowledge, it is correct and complete and with best conscience, given without a guarantee, though. It shall describe our product with a view to safety requirements and has therefore not the meaning to assure of certain qualities. The responsibility of the use of this product remains on the user whether the information is complete and suitable for his special use.

ISSUED BY:

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REVISION DATE:

16 Jan 2002

PRINTING DATE

16 Jan 2002