

EC safetydata sheet

According to 91/155/EWG

Developer SE5 Lith Part C

EC SAFETY DATA SHEETS ACCORDING TO 91/155/EWG

1).substance-/ preparation and company name

Chemical name/	SE5 Lith part C Lith developer
Trade name:	
Application/use:	Photographic developer
Company name:	Wolfgang Moersch Photochemie, Am Heideberg 48 D 50354 Hürth
Telephone:	++49 22 33 943137

2). composition/details on components

This product is a preparation according to the chemical law.

Description:

Aqueous solution containing inorganic and organic substances

Composition/information about the components:

Name	Weight %	CAS no.	One EC number no.	EC index no.
Sodium sulfite	15-20			
Sodium metabisulfite	1-5			
Other information:		Principal ingredient: Water, sodium sulfite		

3). possible risks

Name of the dangers: No dangers to be mentioned. Please, take the information of this safety data sheet one into account,

Special danger notes for Man and environment: No dangers to be mentioned particularly.

4). first aid PRECAUTIONS

General notes:	change wet, contaminated clothing.
After breathing in:	None of special measures required.
After skin contact:	Wash skin, at touch, with water and soap. Wash clothing before reuse.
After eye contact: (with water), then immediately	At eye contact open eyelids was eyes sufficiently consult a doctor. Consult eye specialist at eye irritation.
After swallowing:	Rinse out mouth with water. Consult a doctor.
Notes for the doctor:	
Symptoms:	No symptoms confessed till now.

5). PRECAUTIONS at fire fighting

Suitable extinguishing agents: Coordinate extinguishing measures on surroundings fire.

From security reasons unsuitable extinguishing agents: None confessed.

Special endangerings due to the substance or the product itself its waste products of combustion or arising gasses: released can be at fire: Carbon monoxide, carbon dioxide Sulfur dioxide

Special protection equipment at fire fighting: Use of compressed air breathing apparatuses allowed if the material burns

Additional notes: None.

6). PRECAUTIONS at unintentional release

Person drawee Precautions: Use personal protective clothing.

Environment protective measures: Do not let it get into the sewage system/ surface water/ ground water

Proceedings on cleaning and binding: Use liquid binding compounds like sawdust, universal binding agent

Additional notes: The taken material according to section waste management treat.

7). handling and storage

Indications for safe contact: Use only in well ventilated areas.

Points on fire-and Explosion protection: The product is not combustible.

Requirements on storerooms and container: None of special requests necessary. Container, thick, keep locked.

Together storage notes: None of special measures required.

The broad details to 4 Store conditions: Recommended storage temperature: 5 to 25 C

Store class: LGK 12 (VCI strategy)

8). outline demarcation and personal protection equipment

Additional indications for the Lay-out of technical plants: See section 7; no measures going beyond this required.

Components to be superwised in connection with the working place and limiting values: No-one

Personal protection equipment:

- Breathing protection:** Sufficient ventilation, no additional protection necessary.
- Hand protection:** if necessary gloves. Required qualities: Liquid proof, thick.
- Eye protection:** Safety goggles (basket glasses).
- Object protection:** personal protective clothing
- Protection-and Hygiene measures:** Do not eat, drink or sneeze at work. . Preventive skin protection. Wash hands before the breaks and at work end Use fatty skin cremes after cleaning .

9). physical and chemical qualities

Form: Liquid

Color: Colorless, clear.

Smell: Odorless.

pH value: 7.54 (25 C)

Boiling-point/boiling area:	≥ 100 C
Melting point/glaze area:	≤ 0 C
Flaming point:	Not applicable
Inflammatory/	Not inflammable.
Catching light temperature:	
Self-flammatory:	Not self flammable.
Fire promoting	Not combustible.
Qualities:	
Danger of explosion:	Not explosion endangered.
Vapor pression:	Remark: Corresponds to the vapor pression of water.
Density:	1.161 g/cm ³ (20 C)
Pouring density:	Not applicable.
Solubility in water:	Mixable.
in other solvents:	There are no data.
Distribution coefficient	There are no data.
n-Oktanöl/water:	
Dynamic viscosity:	There are not data.
Solving average salary:	81% water
Solid salary:	19%
other details:	There are not further data.

10). stability and reactivity

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

Dangerous reactions: No dangerous reactions known

Dangerous products of decomposition: No dangerous decomposition products known

11). details on the toxicology

Toxicological exams:

Acute Toxicity: Not known.

Irritation-/ etching effect:

Skin: No Irritation effect.

Eyes: Irritation effect.

Sensitization: There are not data.

Effect after repeated or longer continuous expose:

None confessed.

Cancer producing, ancestral estate changing as well as And propagation endangering:

None confessed.

Other details: No further data.

Experiences from the practice: There are no data.

General remarks: There are no Toxicological data. The classification was carried out according to the calculation proceedings of the preparation guideline(88/379/EEC)

12). details on ecology

General notes: There are no data.
The product was not tested.
Remarks: Does not get into the sewage by correct use.

13). indications for waste management

Product: The corresponding local-and waste regulations must be observed. May not together being disposed with domestic garbage. Do not let it get into the sewage.

European waste catalog: 09 00 00: Waste from the photographic industry
09 01 00: Waste from the photographic industry
09 01 01: Developer and activators on water base

Packing: Not contaminated packages can be recycled
Empty completely, wash contaminated packages well
(Cleaning agent: water), can be recycled afterwards

14). details on transport

Transport/further details: No dangerous goods according to transport regulations (ADR/RID IMDG code, ICAO-TI/IATA-DGR)

15). Identification regulations None required

to EC directives: Is allotted.
Classification letter: Is allotted.
Danger symbol: Is allotted.
Danger name: Is allotted.
R sentences: Is allotted.
S sentences: Is allotted.
Remarks: remarks: the classification is carried out
According to the calculation method for preparations guideline (88/379/EEC).

Special identification-regulations for definite Preparations: Is allotted.

National regulations:
Occupation restrictions: No-one

Disruptive incident prescription (störfall): the Disruptive incident is not subject.
Prescription about combustible Is not a subject to this prescription.

Liquids:

Technical instructions air: This is (TA) not a subject.

Water endangering class: (WGK) 1 (weakly water endangering)
(Classification in accordance with VwVwS, appendix 4)

16). other details

Use: Photographic developer

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.