

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

EC safetydata sheet

According to 91/155/EWG

Developer SE5 Lith Part B

EC SAFETY DATA SHEET ACCORDING TO 91/155/EWG

1). substance-/ preparation and company name

Chemical name/ Easy Lith part B
Trade name:
Application/use: Photographic developer
Company name: Wolfgang Moersch Photochemie, Am Heideberg 48
D 50354 Hürth
Telephone: ++49 22 33 40 18 85

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.	Danger symbol; Danger notes
Potassium carbonate	30-40	584-08-7	209-529-3		Xn; R: 22-36/37/38

Other information:

Principal ingredient: Water

3). possible risks

Name of the dangers: Irritating: Irritates the eyes and the skin.
Special danger notes No dangers to be mentioned particularly. Please, take the information
Man and environment: of this safety data sheet into account.

4). FIRST AID PRECAUTIONS

General notes: change contaminated clothing.
Consult a doctor.

After breathing in: No of special measures required.
At continuing troubles: obtain medical advice.

After skin contact: Wash skin immediately at touch with water and soap.
Wash clothing in front of reuse.

After eye contact: At eye contact, open eyelids then immediately wash with sufficient
water.
Consult a doctor.
Consult eye specialist at eye irritation.

After swallowing: Rinse out mouth and drink a lot of water.
Don't start any vomiting. 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.

Security reasons due to
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None confessed.



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unsuitable extinguishing agents:

Special endangerings due to the substance or the product itself Released at fire: Carbon monoxide, carbon dioxide
Sulfur dioxide.

its waste products of combustion or arising gasses:

Special protection equipment None of special measures required.

the fire fighting:

Additional notes: Product doesn't burn.

6). PRECAUTIONS at unintentional release

Person drawee Use personal protective clothing.

Precautions:

Environment protective measures: Don't let it get into the sewage system/surface water/ground water

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

Additional notes: agent
The taken material has to be treated according to section
waste management

7). handling and storage

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

Points on fire-and The product is not combustible.

Explosion protection:

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

Together storage notes: None of special measures required.

More details to Recommended storage temperature: 5 to 25 C

Storage conditions:

Store class: LGK 12 (VCI strategy)

8). outline demarcation and personal protection equipment

Additional indications for arrangement of technical plants: See section 7; no measures going beyond this required.

Components to be supervised in connection of the working place and limiting values

Personal protection equipment:

Breathing protection: Sufficient ventilation.

Hand protection: Gloves. Required qualities: Liquid proof, thick.

Eye protection: Safety goggles (basket glasses.)

Object protection: Personal protective clothing.

Protection-and Do not eat, drink or smoke at work.

Hygiene measures: Preventive skin protection. Wash hands before breaks and at work end. Use fatty skin cremes after cleaning.

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9). physical and chemical qualities

Form:	Liquid
Color:	Yellow, clear.
Smell:	Odorless.
pH value:	12.3 (25 C)
Boiling-point/boiling area:	≥ 100 C
Melting point/glaze area:	≤ 0 C
Flaming point:	Not applicable.
Imflammatory/ Catching light temperature:	Not inflammable.
Self flammability:	Not self flammable.
Fire promoting Qualities:	Not combustible.
Danger of explosion:	Not explosion dangered.
Vapor pression:	Remark: Corresponds to the vapor pression of water.
Density:	1.500 g/cm ³ (20 C)
Pouring density:	Not applicable.
Solubility in water:	Mixable.
in other solvents:	There are no data.
Distribution coefficient n-Oktanol/water:	There are no data.
Dynamic viscosity:	There are no data.
Solving average salary:	41% water
Solid salary:	59%
other details:	There are not further data.

10). stability and reactivity

Stability:	No decomposition by correct use.
Conditions to be avoided	Contact with strong acids.
Substances to be avoided:	Reaction with strong acids.
Dangerous Educts:	None confessed.
Further details:	No dangerous reactions at prescribed storage and handling.

11). details on toxicology

Toxikological exams:	
Acute Toxicity:	Details refer to the main components caliumcarbonate LD 50 oral rat 1870 mg/kg
Specific symptoms in this Animal experiment:	There are no data.
Irritation-/ etching effect:	
Skin:	Slight Irritation effect.
Eyes:	Irritating.
Sensitization:	There are no data.
Effect after repeated or longer continuous expose:	None confessed.

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

None confessed.

Other details:

No further data.

Experiences from the practice:

There are no data.

General remarks:

There are no toxicological data. This classification is prepared 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 checked.

Remarks: Does ,by correct use ,not get into the sewage system.

13). indications for waste management

Product:

The corresponding legal local-and waste regulations must be observed. May not be together disposed with domestic garbage. Do not let it reach into the

sewage

system

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 gates 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). Regulations

Identification

The product is/classified and labeled according to EC guidelines(GefStoffVO)

by EC directives:

Classification letter:

Xi

danger symbol:



Danger name:

irritating

R sentences:

36/38

S sentences:

26

Remarks: the classification is carried out according to the calculation method for preparations guideline (88/379/EEC).

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Special identification-

regulations for definite

Preparations: is allotted

National regulations:

Occupation - No restrictions.

restrictions:

Disruptive incident prescription (StörfallV): the (Disruptive incident) isn't subject.

Prescription about combustible Is no subject for this prescription.

Liquids:

Technical instructions air: This (TA) isn't subject.

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

Other regulations, restrictions and

Ban prescriptions: is dropped

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.

ISSUED BY:

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