

Developer SE 7 Bromoil

1) substance-/ preparation and company name

Chemical name/ Trade name: SE7 BROMOIL

Application/use: Photographic developer
Company name: Wolfgang Moersch Photochemie, Am Heideberg 48
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2) composition/details on components

This product is a preparation according to the law for chemicals.
Description: Aqueous solution containing inorganic and organic substances

Name	Content	CAS	EINECS	CLASSIFICATION
1,4 DIHYDROXYBENZENE POTASSIUM SALT	5-10	21799-87-1	244-584-7	not classified
1,4-DIHYDROXYBENZENE (Hydrochinon)	1-5	123-31-9	204-617-8	Xn ,N R-22, 40, 41, 43, 50, 68 Carc3 Mut3
POTASSIUM CARBONATE	4-6	584-08-7	209-529-3	Xn R-22, 36
TRIETHANOLAMINE	5-10	102-71-6	203-049-8	not classified
POTASSIUM BROMIDE	>1	7758-02-3	231-830-3	Xn R-20/22, 36/37/38
1-PHENYL-4-METHYL-4-HYDROXYMETHYL-3 PYRAZOLIDONE	>1	13047-13-7	235-920-3	Xn R-48/22
DIETHYLENTRIAMINE PENTAACETIC ACID NA5	>1	67-43-6	200-652-8	Xi R-36
SODIUM SULPHITE	12-16	7757-83-7	231-821-4	not classified

Other information: further principal ingredient: Water

3) Possible risks

Definition of dangers: Bad for health: Possibility of irreversible damage if swallowed. Danger of serious eye damage. Sensitization by skin contact possible.

4) first aid precautions

General notes: change contaminated, wet clothing.
consult a doctor.

After breathing in: None of special precautions required.

After skin contact: at skin contact wash immediately with water and soap.
Wash clothing before reuse.

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

After swallowing: Rinse out mouth with water and drink a lot of water afterwards

5) PRECAUTIONS for fire fighting

Suitable extinguishing agents: Coordinate extinguishing precautions on the surrounding fire.

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

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for security reasons	None confessed.
unsuitable extinguishing agents:	
Special endangerings of the substance or the product itself	released by fire can be : carbon monoxide, carbon dioxide
its waste products of combustion or arising gasses:	sulfur dioxide
Special protection equipment for fire fighting:	None of special equipment required.
Additional notes:	Product does not burn.

6) PRECAUTIONS at unintentional release

Person drawee	Use personal protective clothing.
Precautions:	
Environment protective measures:	Don't let it drain into the sewage system/surface water/ground water.
proceedings for cleaning/binding:	liquid binding materials (e.g. sand, pebble sand sawdust, universal binding agents).
Additional notes:	Treat the taken material according to waste management section.

7) handling and storage

Indications for safe contact:	At proper use none of special precautions required.
Points on fire-and explosion protection:	The product is not combustible.
Requirements on storerooms and containers:	None of special requirements necessary. Keep container tightly closed.
Together storage notes:	None of special precautions required.
More details on Storage conditions:	Recommended storage temperature: 10 to 25 C
Store class:	LGK 12 (VCI strategy)

8) outline demarcation and personal protection equipment

Additional indications for arrangement of technical plants:	See section 7; no requirements going beyond this.
Personal protection equipment:	
Breathing protection:	Sufficient ventilation, no additional protection necessary.
Hand protection:	Gloves. Required qualities: Liquid proof.

9) physical and chemical qualities

Form:	Liquid
Color:	slightly yellow, clear.
Smell:	Odourless.
pH value:	10.00 (25 C)
Boiling-point/boiling area:	≥ 100 C
Melting point/glaze area:	≤ 0 C
Flaming point:	Not applicable.
Imflammatoriy/	Not inflammable.
Catching light temperature:	
Self flammability:	Not self-flammable
Fire promoting	Not combustible.

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qualities:	
Danger of explosion:	No danger of explosion.
Vapor pression:	Remark: Corresponds to the vapor pression of water.
Density:	1.150 g/ml (20 C)
Pouring density:	Not applicable.
Solubility into water:	Mixable.
in other solvents:	No relevant data.
Distribution coefficient	No relevant data.
n-Oktanol/water:	
Dynamic viscosity:	no relevant data.
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 toxicology

Toxicological tests:

Acute Toxicity:	No relevant data
Specific symptoms in this	No relevant data.
Animal experiment:	

Irritation-/ etching effect: The details refer to the technical active agents

Skin:	slightly irritating
Eyes:	strongly irritating
Sensitization:	Sensitization of skin is possible.

Effect after repeated or longer continuous expose:
Possibility of irreversible damage if swallowed.

Other details:	No further data.
Experiences from the practice:	No relevant data.
General remarks:	There are no toxicological data. The classification was carried out according the calculation proceedings of preparation guideline (88/379/EEC).

12) details on ecology

General notes:	There are no data. The product was not tested. Remarks: Does not reach by correct use into the waste water.
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13) indications for waste management

Product:	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.
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EC safetydata sheet
According to 91/155/EWG



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R-PHRASES (FULL TEXT)

R-22 Harmful if swallowed. R-36 Irritating to eyes. R-40 Limited evidence of a carcinogenic effect..
R-36/38 Irritating to eyes and skin. R-48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.