

Developer VGT Part B

1) substance-/ preparation and company name

Chemical name/ Trade name: VGT - B

Application/use: Photographic developer
Company name: Wolfgang Moersch Photochemie, Am Heideberg 48

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2) Possible risks

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

3) 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	1-2%	21799-87-1	244-584-7	not classified
4-(METHYLAMINO)PHENOLSULFATE	5-10%	55-55-0	200-237-1	Xn R-22-50/53
TRIETHANOLAMINE	1-2%	102-71-6	203-049-8	not classified
POTASSIUM BROMIDE	>1%	7758-02-3	231-830-3	Xn R-20/22, 36/37/38
DIETHYLENTRIAMINE PENTAACETIC ACID NA5	>1%	67-43-6	200-652-8	Xi R-36
SODIUM DISULPHITE	0,5-1%	7681-57-4	231-673-0	Xn; R22

Other information: further principal ingredient: Water

4) first aid pecautions

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.
for security reasons None confessed.

unsuitable extinguishing agents:

Special endangerings of released by fire can be : carbon monoxide, carbon dioxide

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

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the substance or the product itself
its waste products of combustion or

arising gasses: sulfur dioxide
Special protection equipment: None of special equipment required.
for fire fighting:
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: Colourless or slightly yellow, clear.
Smell: Odourless.
pH value: 5.2 (20 C)
Boiling-point/boiling area: ≥ 100 C
Melting point/glaze area: ≤ 0 C
Flaming point: Not applicable.
Imflammable/ Not inflammable.
Catching light temperature:
Self flammability: Not self-flammable
Fire promoting: Not combustible.
qualities:
Danger of explosion: No danger of explosion.
Vapor pression: Remark: Corresponds to the vapor pression of water.

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Density:	1.11 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.

110) 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.

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.

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 packings can be recycled .

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.