

**1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Chemical name/ Trade name: **BLEICHER - BLEACH**

Application/use: photographic bleach  
Company name: Moersch Photochemie, Am Heideberg 48  
D 50354 Hürth, Germany  
Telephone: ++49 22 33 943137

**2 HAZARDS IDENTIFICATION****Hazard description:** Not applicable.**Information concerning particular hazards for human and environment:**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

**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
POTASSIUM BROMIDE	5-10%	7758-02-3	231-830-3	Xn R-20/22, 36/37/38
POTASSIUM HEXACYANOFERRATE (III)	20%	13746-66-2	237-323-3	R-32

**Other information:** further principal ingredient: Water

**4 FIRST-AID MEASURES**

**Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

**Skin:** In case of contact, immediately flush skin with plenty of water.

**Ingestion:** If swallowed, DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

**5 FIRE-FIGHTING MEASURES**

Instructions :

Substance is incombustible. Select fire fighting measures according to the surrounding conditions.

In case of ambient fire:

Cool surrounding containers with water spray.  
If possible, take container out of dangerous zone.  
Stay on upwind side.

## **6 ACCIDENTAL RELEASE MEASURES**

**Methods for cleaning up:** Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean surface thoroughly to remove residual contamination.

## **7 HANDLING AND STORAGE**

**Personal precautions:** Keep container tightly closed. Do not get in eyes and avoid contact with skin and clothing. Wash thoroughly after handling.

**Prevention of Fire and Explosion:** Substance is non-combustible. Select fire and explosion prevention measures according to the other used substances.

**Storage :**

Do not use any food containers - risk of mistake.  
Containers have to be labelled clearly and permanently.  
Store in the original container as much as possible.  
Keep container tightly closed.  
Storage temperature: 1-50°C  
Protect from exposure to light.

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## **8 OUTLINE DEMARCATION AND PERSONAL PROTECTION EQUIPMENT**

**Occupational exposure controls: Not established**

## **9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE</b>	liquid
<b>COLOR</b>	yellow
<b>ODOR</b>	odourless
<b>SOLUBILITY</b>	100% soluble in water
<b>BOILING POINT (°C)</b>	100°C - 212°F
<b>RELATIVE DENSITY</b>	1.21
<b>pH-VALUE, CONC. SOLUTION</b>	6.1

## **10 STABILITY AND REACTIVITY**

<b>STABILITY:</b>	Stable under normal conditions
<b>CONDITIONS TO AVOID:</b>	-
<b>HAZARDOUS POLYMERISATION</b>	Will not polymerize.
<b>MATERIALS TO AVOID</b>	Acids
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Hydrocyanic acid

## 11 TOXICOLOGICAL INFORMATION

## 12 ECOLOGICAL INFORMATION

Environmental data is not available.

## 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.

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## 14 TRANSPORT INFORMATION

### No dangerous good

This substance is not listed in the Annex I of Council Regulation No (EC) 304/2003.

## 15 REGULATIONS

### Identification by EC directives:

The product is classified and labeled according to EC guidelines

### Relevant R-phrases

**R-22 Harmful if swallowed. R-36 Irritating to eyes.  
R-32 Contact with acids liberates very toxic gas**

### 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-46 If swallowed seek medical advice immediately**

### Remarks:

This classification was carried out according to the calculation method for preparations guideline ( 88/379/EEC).

### Water endangering class

2 (water endangering) hazardous for water

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## 16 OTHER INFORMATION

**Use:** Photographic bleach

### 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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