

# Worker safety instructions

## Identification of the substance/mixture and of the company/undertaking

**Product identifier****Product name:** G135 (READY FOR USE)**Product No.:** 000001016017**Relevant identified uses of the substance or mixture and uses advised against****Identified uses:** Photographic developer solution**Uses advised against:** Reserved for industrial and professional use.**Manufacturer**Agfa-Gevaert NV  
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Belgium**Telephone:** +32 3 4445501**Fax:** +32 3 4445503**E-mail:** electronic.sds@agfa.com**Emergency telephone number:** +32 3 4443333 (24h/24h)

## Hazard identification

**Classification of the substance or mixture**

The product has been classified according to the legislation in force.

**Classification according to Regulation (EC) No 1272/2008 as amended.****Health Hazards**

Serious eye irritation	Category 2	H319: Causes serious eye irritation.
Skin sensitizer	Category 1	H317: May cause an allergic skin reaction.
Germ Cell Mutagenicity	Category 2	H341: Suspected of causing genetic defects.
Carcinogenicity	Category 2	H351: Suspected of causing cancer.

**Label Elements****Contains:**

Hydroquinone

**Signal Word:**

Warning

**Hazard Statement(s):**H319: Causes serious eye irritation.  
H317: May cause an allergic skin reaction.  
H341: Suspected of causing genetic defects.  
H351: Suspected of causing cancer.

**Precautionary Statements**

**Prevention:** P201: Obtain special instructions before use.  
 P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
 P264: Wash thoroughly after handling.  
 P272: Contaminated work clothing should not be allowed out of the workplace.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P308+P313: IF exposed or concerned: Get medical advice/attention.

**Other hazards** Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria Not fulfilling vPvB (very persistent/very bioaccumulative) criteria

**First-aid measures**

**General:** CAUTION! First aid personnel must be aware of own risk during rescue!

**Description of first aid measures**

**Inhalation:** Move to fresh air.

**Skin Contact:** Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention.

**Eye contact:** Rinse immediately with plenty of water.

**Ingestion:** Rinse mouth thoroughly.

**Treatment:** Treat symptomatically.

**Fire-fighting measures**

**General Fire Hazards:** No unusual fire or explosion hazards noted.

**Extinguishing media**

**Suitable extinguishing media:** Extinguish with foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Special hazards arising from the substance or mixture** During fire, gases hazardous to health may be formed.

**Advice for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Accidental release measures**

**Personal precautions, protective equipment and emergency procedures** Use personal protective equipment as required. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

**Environmental Precautions** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

**Methods and material for containment and cleaning up** Absorb with sand or other inert absorbent. Stop the flow of material, if this is without risk. Transfer to a container for disposal.

**Handling and storage:**

**Precautions for safe handling** Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling.

**Conditions for safe storage, including any incompatibilities** Store locked up.

**Specific end use(s)** Reserved for industrial and professional use.

**Exposure controls/personal protection**

**Exposure controls**  
**Appropriate Engineering Controls:** Provide adequate ventilation.

**Individual protection measures, such as personal protective equipment**

**General information:** Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Follow training instructions when handling this material.

**Eye/face protection:** Safety goggles. EN 166.

**Skin protection**  
**Hand Protection:** Protective gloves should be used if there is a risk of direct contact or splash.(EN374) Chemical resistant gloves required for prolonged or repeated contact. Butyl rubber (EN374) Glove thickness: > 0.35 mm Break-through time: > 240 min Risk of splashes: Nitrile rubber. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

**Other:** Safety clothes : long sleeved clothing EN13688

- Respiratory Protection:** In case of inadequate ventilation use suitable respirator (EN14387). Seek advice from local supervisor.
- Hygiene measures:** Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin.
- Environmental Controls:** Do not empty into drains.

## Physical and chemical properties

### Information on basic physical and chemical properties

#### Appearance

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	Colourless.
<b>Odor:</b>	Odourless.
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	10,4 (25 °C)
<b>Freezing point:</b>	< 0 °C (Literature.)
<b>Boiling Point:</b>	> 100 °C (Literature.)
<b>Flash Point:</b>	No data available.
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	Not flammable.
<b>Flammability Limit - Upper (%):</b>	No data available.
<b>Flammability Limit - Lower (%):</b>	No data available.
<b>Vapor pressure:</b>	23,00 hPa (20 °C) (Literature.)
<b>Vapor density (air=1):</b>	No data available.
<b>Density:</b>	No data available.
<b>Relative density:</b>	1,0940 (20 °C) (Literature.)
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Miscible with water at all ratios.
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Autoignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>SADT:</b>	No data available.
<b>Viscosity:</b>	No data available.
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.

#### Other information

<b>VOC Content:</b>	EC Directive 2004/42: 21 g/l ~2,1 % (calculated) EC Directive 1999/13: 0 g/l ~0 % (calculated)
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## Stability and reactivity

<b>Reactivity</b>	Material is stable under normal conditions. Material is stable under normal conditions.
<b>Chemical Stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Not known.
<b>Conditions to avoid</b>	Avoid heat or contamination.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	By heating and fire, harmful vapors/gases may be formed.

### Disposal considerations

#### Waste treatment methods

<b>General information:</b>	Disposal considerations (including disposal of contaminated containers or packaging) Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
<b>Disposal methods:</b>	Discharge, treatment, or disposal may be subject to national, state, or local laws.  Since emptied containers retain product residue, follow label warnings even after container is emptied.

### Other information

<b>Disclaimer:</b>	This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.
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