

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Information

Product name : G135, PART C
Use of the : Photographic developer concentrate
Substance/Preparation

Company/Undertaking Identification

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2. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain any hazardous ingredients as defined by relevant legislation.

Aqueous photographic developer concentrate, mainly consisting of:

Other

- | | | | | |
|--|---------------------|------|---|------|
| • Water | Concentration [%] : | 60.0 | - | 80.0 |
| • Glutaraldehyde bis(potassium sulphite) | Concentration [%] : | 30.0 | - | 40.0 |

3. HAZARDS IDENTIFICATION

This preparation is not classified as dangerous as defined by EC Directives and transposed into national legislation. A hazardous situation is not normally to be expected with this product when it is used by a professional following instructions for safe storage and handling.

4. FIRST AID MEASURES

Skin contact : Wash immediately with plenty of water and soap. If symptoms persist, seek medical advice.
Eye contact : Rinse with plenty of water. If necessary, seek medical advice.
Ingestion : Rinse mouth with plenty of water. Seek medical advice.
Inhalation : Take person to fresh air. If necessary, seek medical advice.

5. FIRE-FIGHTING MEASURES

Specific hazards during fire fighting : In case of fire, thermal decomposition with emission of hazardous fumes is possible (e.g. SO₂).
Further information : Product is not combustible.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : See section 8.
Environmental precautions : For waste disposal see section 13.
Methods for cleaning up : Dike the spill if necessary. Soak up with absorbent material. Collect large spills into a properly labelled and sealable container. Prevent release into the drain, soil or surface water.
Additional advice : Wash away residues with plenty of water.

7. HANDLING AND STORAGE

Handling

- Advice on protection against fire and explosion : No special protective measures against fire and explosion required.

Storage

- Requirements for storage areas and containers : Keep container tightly closed. Protect from direct sunlight.
Advice on common storage : Store away from strong acids and strong oxidizing agents (e.g. sodium hypochlorite).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls

- Engineering measures : Ventilation should be sufficient so that any applicable occupational exposure limits are not exceeded.
Hand protection : Use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of the materials: butyl rubber (thickness \geq 0.36 mm, breakthrough time $>$ 480 min), nitrile rubber (thickness \geq 0.38 mm, breakthrough time $>$ 480 min) or neoprene (thickness \geq 0.65 mm, breakthrough time $>$ 240 min). For intermittent splash protection corresponding gloves with breakthrough times $>$ 60 min can be used. Avoid gloves made of: natural latex.
Eye protection : Safety glasses.
Hygiene measures : Observe normal precautions when handling chemicals. Avoid inhaling vapour. Keep away from foodstuffs, drinks and tobacco.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Form : Liquid
Colour : Light yellow
Odour : Slightly pungent smell

Safety data

- pH (25 °C) : 2.5
Melting point/range : $<$ 0 °C

SAFETY DATA SHEET
according to EC directive 93/112/EC



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Boiling point/range : > 100 °C
Lower explosion limit : Not applicable
Upper explosion limit : Not applicable
Vapour pressure : 23.00 hPa at 20 °C
Relative density (20 °C) : 1.244
Solubility/qualitative : Miscible with water at all ratios.
Relative vapour density : Not applicable

10. STABILITY AND REACTIVITY

Stability : The product is stable under normal conditions of storage and use.
Conditions and materials to avoid : Avoid contact with strong acids and strong oxidizing agents (e.g. sodiumhypochlorite). Remove all chemicals and rinse the processing tanks thoroughly with water before using any cleansing products.
Hazardous decomposition products : Sulphur dioxide

11. TOXICOLOGICAL INFORMATION

Other information

No toxicological effects known. In normal conditions of use, sulphur dioxide may be set free in concentrations well below the threshold limit value (TLV) of 2 ppm. Asthmatic individuals, however, may possibly be sensitive to concentrations as low as 0.1 ppm.

12. ECOLOGICAL INFORMATION

Further information on ecology

Additional ecological information : This preparation does not contain any ingredient that is classified as hazardous to the environment according to European Directives and corresponding national legislation.

13. DISPOSAL CONSIDERATIONS

Environmental regulations, discharge of chemicals and washwater, waste treatment and disposal conditions of chemicals and their packaging may vary from one country to another. The relevant local regulations should be consulted. When this product or its contaminated packaging has to be removed as waste, contact an authorized waste contractor.

For waste resulting from this product, it is recommended to use European Waste Code : 09 01 01 (water-based developer and activator solutions).

14. TRANSPORT INFORMATION

Further Information

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

This product is not to be labelled as a dangerous substance or preparation as defined by EC Directives and transposed into national legislation.

16. OTHER INFORMATION

Section(s) changed compared to the previous issue: 1, 6, 8

This Safety Data Sheet is compiled in accordance with European Directives and corresponding national legislation.

The information disclosed in this Safety Data Sheet is believed to be correct to the best of our current knowledge and experience. It only relates to the specific product designated herein and it may not be valid when said product is used in combination with any other material or in any process, unless specified in the text. This document aims to provide the necessary health and safety information of the product and is not to be considered a warranty or quality specification. It is the responsibility of the user to comply with local legislation relating to safety, health, environment and waste management.