

Safety data sheet

Date of issue: December 6, 2006

1. Identification of the substance/preparation and of the company/undertaking*Identification of the product:*

Trade name: "Acid Yellow 7", article number B-89825 (25 gram)

Use of substance/preparation:

Fluorescent dye for staining of prints in blood

*Company/undertaking identification:*Supplier: BVDA International b.v., Postbus 2323, 2002 CH HAARLEM, The Netherlands
Telephone: +31-23-5424708 Fax: +31-23-5322358 e-mail: info@bvda.nl**2. Composition/information on ingredients**

	CAS-Number	% w/w	Symbol	R-phrases	EC-Index-No.
Acid Yellow 7	2391-30-2	>95	--	--	--

3. Hazard identification

No hazardous product as specified in Directive 67/548/EEC.

4. First aid measures

After inhalation: move the person to fresh air. If discomfort persist seek medical attention.

After skin contact: wash contaminated skin with soap and water. Remove contaminated clothing immediately.

After eye contact: rinse out with plenty of water for at least 15 minutes with the eyelid held wide open. Immediately call in ophthalmologist.

After ingestion: If conscious and alert, rinse mouth and make victim drink plenty of water. Do not induce vomiting. Seek medical attention.

5. Fire fighting measuresSuitable extinguishing media: water mist, foam, CO₂ (carbon dioxide), powder.

Extinguishing media not to be used: water jet.

Special risks: may form a flammable/explosive dust cloud on mixing with air in the presence of a source of ignition. May form noxious or flammable vapours under great heat.

Special protective equipment for fire fighting: do not stay in dangerous zone without self-contained breathing apparatus.

Other information: Prevent fire-fighting water from entering surface water or groundwater.

6. Accidental release measures

Personal precautions: avoid formation of dust; do not inhale dust; use respirator if necessary.

Environmental precautions: do not allow to enter drainage system, or ground water.

Methods for cleaning up: prevent formation of dust. Take up dry and collect in a suitable container. Clean up affected area. For a large spill, collect uncontaminated material for possible reuse.

7. Handling and storage

Handling: prevent formation of dust. Use with adequate ventilation.

Storage: keep container tightly closed in a cool, dry place. Keep away from food, drink and animal feeding stuffs.

8. Exposure controls/personal protection*Personal protective equipment:*

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection: in case of dust formation above the exposure limit: wear filter mask (filter class P1/P2).

Eye protection: required (safety goggles).

Hand protection: required (latex or vinyl gloves).

Other protective equipment: suitable protective clothing recommended.

Hygienic measures: wash hands after working with the substance.

9. Physical and chemical properties

Form: powder
Color: yellow
Odour: odourless
pH value (10 g/l, 20° C): 6-8
Melting temperature: >100° C.
Flash point: not determined
Relative density (20° C): 5-800 kg/m³
Solubility in water (25° C): soluble

10. Stability and reactivity

Conditions to be avoided: prevent formation of dust. Risk of dust explosion!
Substances to be avoided: strong oxidizers and reducing agents
Dangerous decomposition products: may form noxious or flammable vapours under great heat.

11. Toxicological information

Acute oral toxicity: LD₅₀ (rat) > 2000 mg/kg

Further toxicological information:

After inhalation: irritations.
After eye contact: irritations. Risk of serious damage to eyes.
After skin contact: may cause skin-irritations.

Chronic toxicity: May cause sensitisation by skin contact. May cause sensitisation by inhalation.

Further data: Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

12. Ecological information

Ecotoxic effects:

Biological effects: Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment .

Fish toxicity: EC₅₀ 100 mg/l/48 h
LC₅₀ >1000 mg/l/96 h

Do not allow to enter waters, waste water or soil.

13. Disposal considerations

Product:

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Packaging:

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14. Transport information

Not subject to transport regulations.

15. Regulatory information

Labelling according to EC Directives: -

16. Other information

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.