



1. Identification of substance

Trade name: DEKA-„L“ Series L textile dye 39-04 to 39-95
(Old: 41 to 103), different shades

Use pattern: Textile dyes

Manufacturer: DEKA Textilfarben GmbH
Kapellenstraße 18
D-82008 Unterhaching
Germany
Phone: ++ 49 / (0) 89 / 66 50 64 - 0
Fax: ++ 49 / (0) 89 / 611 76 51

2. Composition / information on ingredients

Preparation, water-soluble dyes, acid-, direct- & metal-dyes

3. Hazards identification

Hazard designation: No according EC lists

4. First aid measures

Skin contact: Instantly wash with water and soap and rinse thoroughly.

Eye contact: Rinse opened eye for several minutes under running water.

Swallowing: Rinse mouth with water. Drink water repeatedly, if possible with the addition of activated carbon.

Inhalation: Remove to fresh air. Supply fresh air.

General information: Consult doctor in case of symptoms.

5. Fire fighting measures

Suitable fire-extinguisher: Damp fog, extinguishing foam, extinguishing powder, sand

Unsuitable fire-extinguisher: Strong jet of water to avoid packaging damage. CO2 for safety reasons.

The dyes will feed fire and formate fumes and gases, f.e. carbon monoxide (CO), nitrogen oxides. While no special procedures are required for this product, fire-fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

6. Accidental release measures.

Personal precautions: Avoid formation and deposition of dust.

Environmental precautions: Do not allow product to reach sewage system or water bodies.

Methods of cleaning up: Take up spilled product with dust-binding material or suitable vacuum-cleaner and place into labelled, sealed container for disposal.

7. Handling and storage

Handling: Avoid formation and deposition of dust. Ensure fresh air at the workplace, f.e. open window. Handle the dyes with care and appropriate rules.

Storage: Keep dry and container tightly closed. In filling operations take precautionary measures against static discharge. Keep away from food and luxury stimulants. VCI storage class 11, combustible solids.

8. Exposure controls and personal protection

General: Do not inhale dye powder. Avoid eye and skin contact. Wear rubber gloves.

Hygiene: Remove any soiled and impregnated garments, clean with cold water and soap.



Before brake and after days work wash hands with water and soap. During working do not eat, drink, smoke or take snuff.

The dyes are specially dedusted dyes. By careful handling dusting can be suppressed almost completely.

- Hands:** Wear protective gloves, water resistant, rubber, f.e. nitrile, polychloropren, (CR), PVC; notice information of supplier, also for penetrating times.
- Eyes:** Wear protective goggles if use is likely to cause splashing of product into the direction of the eyes.
- Respiration:** Not usually required, but suggested in large volume mixing areas. Dust mask with particle filter, A, B, E, K, P3
- Ventilation:** May be used to prevent routine inhalation of dust.

9. Physical and chemical properties

Form:	powder, solid
Colour:	different shades
Odour:	n.a.
Boiling point / range:	n.a.
Vapour pressure:	n.a.
Density, 20°C:	n.d.a.
Water solubility:	soluble, fully miscible
pH-value, 20°C:	about 7,0 to 7,6 (5 g/1l water), different shades
Flashpoint:	n.a.

10. Stability and reactivity

- Stability:** Stable, if used according to specifications.
- Incompatibility:** None known.
- Hazardous reactions:** In the case of dusty organic products the possibility of a dust explosion should be considered.

11. Toxicological information

There are no data of the ready preparation available.

LD50° > 2000 mg/kg

° preparation, rawmaterials

Information from practical use

In rare cases direct skin contact with dye might lead to allergic reaction.

High dust concentration may result in irritation of the mucous membranes (eyes or respiratory tract). A sensitisation by this dyestuff has not yet been observed.

12. Ecological information

There are no data of the ready preparation available. Keep out of soil, water, rivers, lakes and ground-water. Please note the local regulations for sewage and water.

13. Disposal considerations

Please note the local regulations for sewage. Dispose of remaining paint in accordance with applicable country, federal, state and local regulations. Dispose of packaging according to regulations on the disposal of packaging. Absolutely cleaned packaging can be recycled.
Suggestion: controlled burning; EWC No. 04 02 17 Dyes and pigments, ...



14. Transport information

Not dangerous according to ADR. Keep glass tightly closed. Keep away from food and luxury stimulants.

15. Regulatory information

Observe the normal safety regulations when handling chemicals. No labelling in accordance with EC Directives.

National Regulations:

- D:** Water pollution class (WGK) 2 impairment of water quality according VwVwS No. 1492, preparation of organic dyes; German Water Resources Act.
Regulations about dust explosions, Germany: VDI 2263.
- USA:** NFPA 654, 1988, USA, „Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical and Plastics Industries“

16. Other information

The used rawmaterials do not contain according to their constitution, i.e. their chemical structure, any dissolvable heavy metals like antimony, arsenic, cadmium, chromium, lead, mercury and selenium. Therefore the colours conform with DIN / EN 71 „ safety of toys“ part 3 „migration of heavy metals“.

We used controlled dyes and pigments from producers, who are members of the association of colour manufactures (ETAD). The members avoid critical dyes and pigments through self-control. In this context we would like to mention that with an adequate use of the dyes series „L“ the requirements of Öko-TEX Standard 100 for textiles can be observed.

The information is based upon the present knowledge and experience of our suppliers and manufacturers.

The safety data sheet describes products with regard to their safety requirements. The information does not imply quality assurance.

The applicable hygiene and legal regulations are to be observed. Keep away from children.

- n.d.a. no data available
n.a. not applicable
n.r. not restricted