1. Identification of substance

Trade name: **DEKA-"L", different shades, nos. 39-04 to 39-95 (Old 41 to 103)**
Use: **Batik and textile dyes**
Textile auxiliary, colouring garments and textiles
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
e-mail: info@deka-farben.de

**2.Hazards identification*

The product is not a dangerous preparation on the basis of the data on hand in accordance with the chemical law GefStoffV 67/548/EWG and EC GHS 1272/2008/EC guidelines.

3. Composition / information on ingredients

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

**4. First aid measures*

Skin contact: **Instantly remove any clothing soiled by the product and wash with water and soap and rinse thoroughly.**
Eye contact: **Rinse opened eye for several minutes under running water.**
Swallowing: **Rinse mouth with water. Do not induce vomit.**
Inhalation: **Supply fresh air.**
General information: **If complaints continue for a longer time consult doctor or eye doctor.**

5. Fire fighting measures

Suitable fire-extinguisher: **Damp fog, extinguishing foam, carbon dioxide, extinguishing powder, sand**
Unsuitable fire-extinguisher: **Strong jet of water to avoid container damage.**

The burning dyes will and create fumes and gases, like carbon monoxide, 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 eye and skin contact. Avoid formation and deposition of dust.**
Environmental precautions: **Do not allow dyes 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 of dust. Ensure fresh air at the workplace like open window, ventilation. Handle the product with care and appropriate rules (TRGS 500).**
Storage: **Keep dry and container tightly closed. In filling operations take precautionary measures against static discharge. Keep away from food and luxury stimulants. VCI store class 11, flammable solids.**

8. Exposure controls and personal protection

General: **Avoid eye and skin contact. Do not inhale dust. Wear suitable rubber gloves, water resistant. Ensure fresh air.**
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 non dusting dyes. By careful handling dusting can be suppressed almost completely
Professional use and great amounts.
Hands: **Wear protective gloves, rubber, like nitrile, polycloroprene, (CR), PVC; notice information of supplier, also for penetrating times.**
Eyes: **None normally required, if occasion arises wear protective goggles.**
Respiration: **None normally required, if occasion arises wear NIOSH approved mask aerosols, particles P.**

9. Physical and chemical properties

Form:	**powder, solid**
Colour:	**different shades**
Density, 20°C:	**n.d.a.**
Water solubility:	**soluble**
pH-value, 20°C:	**7 to 7,6 (5g / 1l water) different shades; black about 9,7**
Flash point:	**n.a.**

10. Stability and reactivity

Stability: **Stable, if used according to specifications.**
Reactivity: **Stable, if used according to specifications**
Hazardous reactions: **In case of organic products the possibility of a dust explosion should be considered.**

11. Toxicological information

LD50° > 2000 mg/kg oral, rat
°Ingredients of the mixture

Information from practical use

In rare cases direct skin contact with the dye might lead to allergic reactions. High dust concentration may result in irritation of mucous membranes (eyes and 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 for controlled waste disposal: controlled burning, EWC no. 04 02 17 dyes and pigments …

14. Transport information

Not dangerous according to ADR.
Keep tube tightly closed. Keep away from heat and frost. 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: **German Water Resources Act. Water pollution class (WGK) 2 impairment of water quality according VwVwS No. 1492, preparation of organic dyes.**

Regulations about dust explosions, VDI 2263.

USA: **NFPA 654, 1988, USA, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical and Plastic Industries."**

**16. Other information*

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.

The applicable hygiene and legal regulations are to 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.

n.d.a. **no data available**
n.a. **not applicable**
n.r. **not restricted**
***** **new details**