

# Safety data sheet

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BASF Safety data sheet according to 91/155/EEC

Date / Revised: 03.08.2004

Version: 1.0

Product: **Lepton\* Deep Black BN**

(30238547/SDS\_LEA\_EU/EN)

Date of print 03.02.2008

## 1. Substance/preparation and company identification

### Lepton\* Deep Black BN

Use: Colorant for the leather industry

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Performance Chemicals for Leather

Telephone: +49 621 60-72783

Telefax number: +49 621 60-41517

E-mail address: Productinformation.Performance-Chemicals@basf.com

Emergency information:

Telephone: +49 180 2273-112

Telefax number: +49 621 60-92664

## 2. Composition/information on ingredients

Chemical nature

pigment, polyacrylate, in water

## 3. Hazard identification

No particular hazards known.

## 4. First-aid measures

## General advice:

Remove contaminated clothing.

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If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Rinse mouth and then drink plenty of water.

Note to physician:

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-fighting measures

Suitable extinguishing media:

water spray, dry extinguishing media, foam, carbon dioxide

Specific hazards:

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Further information:

Contaminated extinguishing water must be disposed of in accordance with official regulations.

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## 6. Accidental release measures

Personal precautions:

Use personal protective clothing.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

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## 7. Handling and storage

Handling

No special measures necessary provided product is used correctly.

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Protection against fire and explosion:

No special precautions necessary.

#### Storage

Further information on storage conditions: Keep container tightly closed and in a cool place.

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## 8. Exposure controls and personal protection

#### Components with workplace control parameters

67-56-1: methanol (Content (W/W): < 0.1 %)

67-63-0: propan-2-ol (Content (W/W): < 0.1 %)

7664-41-7: ammonia (Content (W/W): < 0.1 %)

#### Personal protective equipment

Respiratory protection:

Respiratory protection in case of vapour/aerosol release.

Hand protection:

Chemical resistant protective gloves (EN 374)

e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other  
Supplementary note: The specifications are based on own tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined in accordance with EN 374. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (EN 166)

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Due to the colouring properties of the product closed work clothes should be used, to avoid stains during manipulation.

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## 9. Physical and chemical properties

Form:	liquid
Colour:	black
Odour:	ammonia-like
pH value:	8.0 - 10.0

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Freezing point:	< 0 °C	(capillary tube method)
Boiling point:	approx. 100 °C (1,013 hPa)	
Flash point:	Not applicable	
Flammability:	does not ignite	
Ignition temperature:	Not applicable	
Explosion hazard:	not explosive	
Density:	1.1 g/cm <sup>3</sup> (15 °C)	(ISO 2811-3)
Solubility in water:	soluble (15 °C)	
Flow time:	20 - 30 s (23 °C)	(DIN 53211; 4 mm)

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## 10. Stability and reactivity

Thermal decomposition: No decomposition if used as directed.

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.

Hazardous decomposition products:

No hazardous decomposition products known.

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## 11. Toxicological information

LD50/oral/rat: > 2,000 mg/kg

Primary skin irritation/rabbit: non-irritant (OECD Guideline 404)

Primary irritations of the mucous membrane/rabbit: non-irritant (OECD Guideline 405)

Additional information:

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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## 12. Ecological information

### Ecotoxicity

Toxicity to fish:

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Leuciscus idus/LC50 (96 h): > 100 mg/l

Microorganisms/Effect on activated sludge:

C test

EC50: > 100 mg/l

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

### **Persistence and degradability**

#### Elimination information

Test method:	Static test
Method of analysis:	colour reduction
Degree of elimination:	90 - 100 %

Assessment: The colourant is insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plant

### **Additional information**

Other ecotoxicological advice:

Do not release untreated into natural waters.

The material/the product should not go into waste-water if stored and handled as prescribed/indicated.

The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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## **13. Disposal considerations**

Must be dumped or incinerated in accordance with local regulations.

A waste code in accordance with the European waste catalog (EWC) cannot be specified, due to dependence on the usage.

Observe national and local legal requirements.

Contaminated packaging:

Uncontaminated packaging can be re-used.

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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## **14. Transport information**

Not classified as hazardous under transport regulations (ADR RID ADNR IMDG/GGVSee ICAO/IATA)

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## 15. Regulatory information

### Regulations of the European union (Labelling) / National legislation/Regulations

Directive 1999/45/EEC ('Preparation Directive'):

The product does not require a hazard warning label in accordance with EC Directives.

### Other regulations

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## 16. Other information

Information on intended use: This product is of industrial quality and unless otherwise specified or agreed intended exclusively for industrial use. This includes the mentioned and recommended usage. Any other intended applications should be discussed with the manufacturer. In particular this concerns the application for products that are the object of special standards and regulations.

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Vertical lines in the left hand margin indicate an amendment from the previous version.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.