

# EC safety data sheet (91/155 EEC)

Trade name: LEICHT & BUNT

Status: 15.09.02

Product no.: 1735

Version : 1 / GB

Date of printing : 18.02.2003

## 1.) Identification of the substance/preparation and company

### Product details

#### Trade name

LEICHT & BUNT

### Identification of the manufacturer / supplier

#### Address

Marabuwerke GmbH & Co. KG  
Asperger Straße 4  
D-71732 Tamm

Telephone no. 07141/691-0

Fax no. 07141/691-235

#### Information provided by / telephone

Product safety +49 7141/691-116 or 232

#### Emergency telephone number

Product safety +49 7141/691-116 or 232

#### Use

Batik and dyeing colour

## 2.) Composition / information on ingredients

### Chemical characterization

Water soluble powder preparation containing substantive textile dyes

### Hazardous ingredients

#### SODIUM CARBONATE

CAS no. 497-19-8

EINECS no. 207-838-8

Concentration >= 1 < 5 %-b.w.

Classification Xi;R36

## 3.) Hazards possibilities

## 4.) First aid measures

### General information

Immediately remove all contaminated clothing.

### After inhalation

Take the casualty into the fresh air and keep warm. Call a physician if necessary.

### After skin contact

Wash away with soap and water and rinse. Do NOT use solvents or thinners!

### After eye contact

Flush with plenty of water (10 - 15 min.).

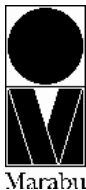
### After ingestion

Call a doctor. Keep at rest. Do not induce vomiting.

## 5.) Fire-fighting measures

### Suitable extinguishing media

Not combustible under normal conditions.



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## 6.) Accidental release measures

### Personal precautions

Avoid dust development.

### Methods for cleaning up/taking up

Sweeping or vacuum cleaning.

## 7.) Handling and storage

### Handling

#### Advice on safe handling

Avoid contact with skin and eyes. When using do not eat, drink or smoke.

#### Advice on protection against fire and explosion

No particular measures required.

### Storage

#### Requirements for storage rooms and vessels

Store in dry conditions.

## 8.) Exposure controls / personal protection

### Additional hints on technical system design.

No particular measures required.

### Ingredients with occupational exposure limits to be monitored

N O N E

### Personal protective equipment

#### Respiratory protection

Avoid inhaling the powder.

#### Hand protection

Protective gloves

## 9.) Physical and chemical properties

### Appearance

Form	powder
Colour	see trade name
Odour	odourless

### Safety data

#### Changes in physical state

Type	Melting point:
Value	not determined

#### Flash point

Value	not applicable
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#### Ignition temperature

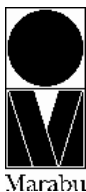
Value	not applicable
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#### Explosion limits

Remarks	not applicable
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#### Vapour pressure

Value	not applicable
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## Density

Value	1,0		g/cm <sup>3</sup>
Reference temperature	20	°C	

## pH value

Value	8	-	9
Reference temperature	20	°C	
Concentration/H <sub>2</sub> O	100	g/l	

## Other information

The physical specifications are approximate values and refer to the used safety relevant component(s).

## 10.) Stability and reactivity

### Conditions to avoid

None known.

### Materials to avoid

Alkalies.

### Hazardous decomposition products

None, if handled according to order.

## 11.) Toxicological information

### Experience in practice

The powder may cause physical irritation to eyes.  
If swallowed, stomach complaints and irritation of the digestive organs may result.

### Other information

There are no data available on the preparation itself.  
The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (88/379/EEC).

## 12.) Ecological information

### General information / ecology

No disturbance of the biological stage in water purification can be expected by introducing in the drainage system with the degree of dilution resulting from application.

## 13.) Disposal considerations

### Product

In watery solution: effluent/sewerage.

### Uncleaned packaging

Completely emptied containers can be used in the recycling chain with glass or tinfoil.

## 14.) Transport information

### Land transport ADR/RID

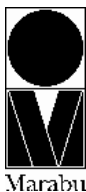
Remarks non-dangerous goods

### Marine transport IMDG/GGVSee

Remarks The product does not constitute a hazardous substance in sea transport.

### Air transport ICAO/IATA

Remarks The product does not constitute a hazardous substance in sea transport.



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### 15.) Regulatory information

#### Labelling in accordance with EC directives

The product does not require a hazard warning label in accordance with EC directives/ GefStoffV (German regulations on dangerous substances).

### 16.) Other information

#### Other information

According to their chemical structure, the applied raw materials do not contain any antimony, arsenic, soluble barium, lead, cadmium, chromium, mercury and selenium.

#### SODIUM CARBONATE

36 Irritating to eyes.

#### Department issuing safety data sheet

Laboratory/product safety.

#### Contact person

Dipl.-Chem. G. Heller or Dipl.-Ing. U. Voetter.

The instructions are based on today's information and knowledge. The safety data sheet describes products in relation to safety requirements. These instructions do not assure application technological properties of the product.