



## SAFETY DATA SHEET

MULTI-PURPOSE DYE 21 ELEPHANT GREY

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Issued: 10/01/2006

Revision No: 1

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** MULTI-PURPOSE DYE 21 ELEPHANT GREY  
**Product code:** MPD 21  
**Synonyms:** TEINTURE MULTI USAGES (FRA)                      UNIVERSELE TEXTIELVERF (NL)  
TINTE TEXTIL MULTIUSOS (ESP)                      MPD TINTURA PER TESSUTI (IT)  
UNIVERSAL - COLOR (DE)                      TINTA MULTI-USO (PT)  
UNIVERSAL (DA, SV)                      UNIVERSAL YLEISVÄRI TEKSTIILEILLE (FI)  
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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** C.I. DIRECT BLACK 22 1-5%  
EINECS: 229-326-3 CAS: 6473-13-8  
[Xi] R36  
• SODIUM CARBONATE <1%  
EINECS: 207-838-8 CAS: 497-19-8  
[Xi] R36

### 3. HAZARDS IDENTIFICATION

**Main hazards:** No significant hazard.

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** There may be irritation of the throat.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes.  
**Ingestion:** Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately.

[cont...]

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**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

**Exposure hazards:** May form flammable / explosive dust-air mixture.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

**7. HANDLING AND STORAGE**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air.

**Storage conditions:** Store in cool, well ventilated area.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respirable dust**

**WEL (8 hr exposure limit):** 4 mg / m<sup>3</sup>

**WEL (15 min exposure limit):** ---

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Powder

**Colour:** Pale grey

**Odour:** Characteristic odour

**Solubility in water:** Highly soluble

**pH:** 7 - 9 (1%)

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Materials to avoid:** Strong acids.

**Haz. decomp. products:** Contact with acids liberates toxic gas.

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity:** MULTI-PURPOSE DYE 21 ELEPHANT GREY  
 ORL RAT LD50 > 2000 mg/kg

**Hazardous ingredients:** C.I. DIRECT BLACK 22  
 ORL RAT LD50 >2000 mg/kg

- SODIUM CARBONATE  
 ORL MUS LD50 6600 mg/kg  
 ORL RAT LD50 4090 mg/kg  
 SCU MUS LD50 2210 mg/kg

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12. ECOLOGICAL INFORMATION**

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Other adverse effects:** Negligible ecotoxicity.

**13. DISPOSAL CONSIDERATIONS**

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION**

**ADR / RID**

**UN no:** -

**Shipping name:** NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

**IMDG / IMO**

**UN no:** -

**IATA / ICAO**

**UN no:** -

**15. REGULATORY INFORMATION**

**Hazard symbols:** No significant hazard.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Other information:** This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

**Risk phrases used in s.2:** R36: Irritating to eyes.

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**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.