



SAFETY DATA SHEET
MACHINE FABRIC DYE 12 BLACK

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Revision No:

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

Product name: MACHINE FABRIC DYE 12 BLACK

Product code: MFD12

Synonyms: TEINTURE GRAND TEINT MACHINE (FRA) TEXTILFARBE WASCHMASCHINE (CH)
TEINTURE EN MACHINE / STOFFENVERF VOOR MACHINE (B) TEKSTILFARGE (NOR)
TINTE TEXTIL PARA LAVADORA (ESP) TINTURA IN LAVATRICE (ITA) MASKINFÄRG (SV)
PESUKONEVÄRI VÄRINPITÄVÄ TEKSTILIVÄRI (SUOMI) KLEURVASTE TEXTILVERF (NL)

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: C.I. REACTIVE BLACK 5 15-30%
EINECS: 241-164-5 CAS: 17095-24-8
[Sens.] R42/43; [-] R52/53

- SODIUM CARBONATE 50-70%
EINECS: 207-838-8 CAS: 497-19-8
[Xi] R36
- SILICIC ACID, SODIUM SALT 15-30%
EINECS: 215-687-4 CAS: 1344-09-8
[Xi] R41; [Xi] R37/38
- DISODIUM METASILICATE 5-15%
EINECS: 229-912-9 CAS: 6834-92-0
[C] R34; [Xi] R37

3. HAZARDS IDENTIFICATION

Main hazards: May cause sensitisation by inhalation and skin contact. Risk of serious damage to eyes.
Irritating to respiratory system and skin.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be severe pain. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

[cont...]

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MACHINE FABRIC DYE 12 BLACK**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. Consult a doctor.
- Ingestion:** Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.
- Exposure hazards:** In combustion emits toxic fumes.
- 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. Do not create dust.
- Environmental precautions:** Do not discharge into drains or rivers.
- Clean-up procedures:** 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:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.
- Storage conditions:** Store in cool, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Hand protection:** Gloves (alkali-resistant).
- Eye protection:** Safety goggles. Ensure eye bath is to hand.
- Skin protection:** Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Powder
- Colour:** Dark grey
- Odour:** Barely perceptible odour
- Solubility in water:** Highly soluble
- pH:** 11.3 (10 g/l)

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Moist air. Humidity.

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Materials to avoid: Strong oxidising agents. Strong acids. Aluminium.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: C.I. REACTIVE BLACK 5
 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
- DISODIUM METASILICATE
 ORL MUS LD50 770 mg/kg
 ORL RAT LD50 1153 mg/kg

Chronic toxicity: May cause sensitisation by inhalation. May cause sensitisation by skin contact.

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

12. ECOLOGICAL INFORMATION

Hazardous ingredients: C.I. REACTIVE BLACK 5
 FISH GOLDEN ORFE 96H LC50 10 - 100 mg/l

Persistence and degradability: No data available.

Bioaccumulative potential: No bioaccumulation potential.

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: Harmful.



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Risk phrases: R42/43: May cause sensitisation by inhalation and skin contact.

R41: Risk of serious damage to eyes.

R37/38: Irritating to respiratory system and skin.

Safety phrases: S2: Keep out of the reach of children.

S22: Do not breathe dust.

S24: Avoid contact with skin.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Wear suitable gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.

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: R42/43: May cause sensitisation by inhalation and skin contact.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R36: Irritating to eyes.

R41: Risk of serious damage to eyes.

R37/38: Irritating to respiratory system and skin.

R34: Causes burns.

R37: Irritating to respiratory system.

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.