

CHROMATECH

Division of



PROTEX  
CHEMICALS LTD



CERTIFICATE No. 000418

CERTIFICATE No. 90644

## SAFETY DATA SHEET

CHROMANTIOX BGG

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

**Product name:** CHROMANTIOX BGG

**CAS number:** 93-69-6

**EINECS number:** 202-268-6

**Product code:** Z.003

**Use / description of product:** Textile processing agent.

**Company name:** Chromatech Division of Protex Chemicals Ltd

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** ORTHO TOLYL BIGUANIDE >90%

EINECS: 202-268-6 CAS: 93-69-6

[Xi] R36; [Sens.] R43

### 3. HAZARDS IDENTIFICATION

**Main hazards:** Irritating to eyes. May cause sensitisation by skin contact.

### 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. The eyes may water profusely.

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

**Inhalation:** Exposure may cause coughing or wheezing.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash immediately with plenty of soap and water. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**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. Contaminated extinguishing media must be disposed of in accordance with local regulations.

**Exposure hazards:** In combustion emits toxic fumes. 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. 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.

**7. HANDLING AND STORAGE**

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

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Respirable dust**

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

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

**Respiratory protection:** Respiratory protective device with particle filter.

**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:** Off-white

**Odour:** Barely perceptible odour

**Solubility in water:** Slightly soluble

**Melting point/range°C:** -140

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** None known.

**Materials to avoid:** None known.

**Haz. decomp. products:** In combustion emits toxic fumes. (Oxides of carbon and nitrogen, cyanides).

**11. TOXICOLOGICAL INFORMATION****Hazardous ingredients:** ORTHO TOLYL BIGUANIDE

ORL RAT LD50 &gt;2000 mg/kg

**Chronic toxicity:** 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:** ORTHO TOLYL BIGUANIDE

FISH RAINBOW TROUT 96H LC50 150 mg/l

**Persistence and degradability:** Not readily biodegradable.**Bioaccumulative potential:** No data available.**13. DISPOSAL CONSIDERATIONS****Disposal of packaging:** May be reused following decontamination.**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:** Irritant.**Risk phrases:** R36: Irritating to eyes.

R43: May cause sensitisation by skin contact.

**Safety phrases:** S22: Do not breathe dust.

S24/25: Avoid contact with skin and eyes.

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

**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

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the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

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

R43: May cause sensitisation by skin contact.

**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.