

## SAFETY DATA SHEET

CHROMADYE WBA-X

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Issued: 10/05/2006

Revision No: 1



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

**Product name:** CHROMADYE WBA-X

**Product code:** Z081

**Use / description of product:** Harmful.

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

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** BIS(HYDROXYLAMMONIUM) SULPHATE >90%

EINECS: 233-118-8 CAS: 10039-54-0

[Xn] R22; [Xi] R36/38; [Sens.] R43; [Xn] R48/22; [N] R50

### 3. HAZARDS IDENTIFICATION

**Main hazards:** Harmful if swallowed. Irritating to eyes and skin. May cause sensitisation by skin contact.

Harmful: danger of serious damage to health by prolonged exposure if swallowed. Very toxic to aquatic organisms.

### 4. FIRST AID MEASURES (SYMPTOMS)

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

**Eye contact:** There may be irritation and redness. May cause serious damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur.

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

### 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. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

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**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. (Oxides of sulphur and nitrogen; ammonia).

**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. Mark out the contaminated area with signs and prevent access to unauthorised personnel. If outside do not approach from downwind.

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

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Avoid incompatible materials and conditions - see section 10 of SDS.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respirable dust**

**WEL (8 hr exposure limit):** 4

**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:** White

**Odour:** Barely perceptible odour

**Solubility in water:** Soluble

**pH:** ~5

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat. Decomposition commences at 120°C.

**Materials to avoid:** Oxidising agents. Bases. Nitrates.

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**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****Acute toxicity:** CHROMADYE WBA-X  
ORL RAT LD50 640 mg/kg**Chronic toxicity:** May cause blood disorders.**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Ecotoxicity:** CHROMADYE WBA-X  
DAPHNIA 48H EC50 1.6 mg/l  
FISH 96H LC50 1-10 mg/l**Mobility:** Soluble in water.**Persistence and degradability:** Biodegradable.**Bioaccumulative potential:** No data available.**Other adverse effects:** Very toxic to aquatic organisms.**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**

<b>UN no:</b> 2865	<b>ADR Class:</b> 8
<b>Packing group:</b> III	<b>Classification code:</b> C2
<b>Shipping name:</b> HYDROXYLAMINE SULPHATE	
<b>Labelling:</b> 8	<b>Hazard ID no:</b> 80

**IMDG / IMO**

<b>UN no:</b> 2865	<b>Class:</b> 8
<b>Packing group:</b> III	<b>EmS:</b> 8-06
<b>Marine pollutant:</b> NO	<b>Labelling:</b> 8

**IATA / ICAO**

<b>UN no:</b> 2865	<b>Class:</b> 8
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**Packing group:** III**Packing instructions:** 822(P&CA); 823(PAO)**Labelling:** 8**15. REGULATORY INFORMATION****Hazard symbols:** Harmful.

Dangerous for the environment.

**Risk phrases:** R22: Harmful if swallowed.

R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

R48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R50: Very toxic to aquatic organisms.

**Safety phrases:** S24/25: Avoid contact with skin and eyes.

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

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S29/56: Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

**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****Risk phrases used in s.2:** R22: Harmful if swallowed.

R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

R48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R50: Very toxic to aquatic organisms.

**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.