



## SAFETY DATA SHEET

BLACKFAST 183 ANTIQUING BRASS SOLUTION

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Issued: 04/08/2008

Revision No: 1

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

**Product name:** BLACKFAST 183 ANTIQUING BRASS SOLUTION

**Product code:** 183

**Use of substance / preparation:** Chemical preparation for the antiquing of brass and silver plate

**Company name:** Blackfast Chemicals Limited

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### 2. HAZARDS IDENTIFICATION

**Main hazards:** Danger of cumulative effects. Irritating to eyes and skin.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Workplace exposure limit:** This substance does not have a workplace exposure limit.

**PBT:** This substance is not identified as a PBT substance.

**Directive 1999/45/EC:** This preparation meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** COPPER SULPHATE 1-10%  
EINECS: 231-847-6 CAS: 7758-98-7  
[Xn] R22; [Xi] R36/38; [N] R50/53

- SELENIUM COMPOUNDS EXCEPT CADMIUM

SULPHOSELENIDE 1-10%  
[T] R23/25; [Xn] R33; [N] R50/53

- ORTHOPHOSPHORIC ACID 1-10%  
EINECS: 231-633-2 CAS: 7664-38-2  
[C] R34

### 4. FIRST AID MEASURES

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin

[cont...]

with running water for 10 minutes or longer if substance is still on skin.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**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:** Water spray. Water fog.

**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.

## 7. HANDLING AND STORAGE

**Handling requirements:** Ensure there is sufficient ventilation of the area.

**Storage conditions:** Store in cool, well ventilated area. Keep away from direct sunlight.

**Suitable packaging:** Must only be kept in original packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hazardous ingredients:** COPPER SULPHATE  
UK - 8 hour TWA: 1 mg/m<sup>3</sup>  
UK - 15 min. STEL: 2 mg/m<sup>3</sup>

- ORTHOPHOSPHORIC ACID...100%  
UK - 8 hour TWA: 1 mg/m<sup>3</sup>  
UK - 15 min. STEL: 2 mg/m<sup>3</sup>

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

**Hand protection:** PVC gloves.

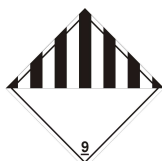
**Eye protection:** Safety goggles.

**Skin protection:** Plastic apron.

**9. PHYSICAL AND CHEMICAL PROPERTIES****State:** Liquid**Colour:** Blue**Odour:** Barely perceptible odour**Solubility in water:** Soluble**Relative density:** 1.22**pH:** 1.25**10. STABILITY AND REACTIVITY****Stability:** Stable at room temperature.**Conditions to avoid:** Heat. Sources of ignition.**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****Acute effects:** Irritating to eyes and skin.**Repeated dose toxicity:** Danger of cumulative effects.**11. TOXICOLOGICAL INFORMATION (SYMPTOMS)****Skin contact:** There may be irritation and redness at the site of contact.**Eye contact:** There may be irritation and redness.**Ingestion:** There may be vomiting and diarrhoea.**Inhalation:** Exposure may cause coughing or wheezing.**12. ECOLOGICAL INFORMATION****Mobility:** Soluble in water.**Persistence and degradability:** Not biodegradable.**Bioaccumulative potential:** No data available.**Other adverse effects:** Toxic to aquatic organisms.**PBT identification:** This substance is not identified as a PBT substance.**13. DISPOSAL CONSIDERATIONS****Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.**Waste code number:** 11 01 98**Disposal of packaging:** Arrange for collection by specialised disposal company.**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:** 3082 **ADR Class:** 9  
**Packing group:** III **Classification code:** M6  
**Shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S.  
**Labelling:** 9 **Hazard ID no:** 90

**IMDG / IMO**

**UN no:** 3082 **Class:** 9  
**Packing group:** III **EmS:** F-A,S-F  
**Marine pollutant:** . **Labelling:** 9

**IATA / ICAO**

**UN no:** 3082 **Class:** 9  
**Packing group:** III **Packing instructions:** 914  
**Labelling:** 9

**15. REGULATORY INFORMATION**

**Hazard symbols:** Dangerous for the environment.  
Harmful.



**Risk phrases:** R33: Danger of cumulative effects.  
R36/38: Irritating to eyes and skin.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases:** S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**Haz. ingredients (label):** COPPER SULPHATE; SELENIUM COMPOUNDS EXCEPT CADMIUM SULPHOSELENIDE;

**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 Regulation (EC) No 1907/2006.

\* indicates text in the SDS which has changed since the last revision.

**Risk phrases used in s.3:** R22: Harmful if swallowed.  
R36/38: Irritating to eyes and skin.  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R23/25: Toxic by inhalation and if swallowed.  
R33: Danger of cumulative effects.  
R34: Causes burns.

**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.