



SAFETY DATA SHEET
BLACKFAST 551 CONDITIONER

Page 1
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Revision No: 1

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

Product name: BLACKFAST 551 CONDITIONER

Product code: 551

Use of substance / preparation: Preparation of metal surface for chemical blacking

Company name: Blackfast Chemicals Limited

78 Coombe Road

New Malden

Surrey

KT3 4QS

United Kingdom

Tel: +44 (0) 20 8336 2900

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2. HAZARDS IDENTIFICATION

Main hazards: Harmful by inhalation, in contact with skin and if swallowed.

Irritating to eyes and skin.

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: HYDROXYLAMINE HYDROCHLORIDE <1%

EINECS: 226-798-2 CAS: 5470-11-1

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

R50

4. FIRST AID MEASURES

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Transfer to hospital for specialist examination. 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.

[cont...]

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.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

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.

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

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Respiratory protection: Respiratory protection not required.

Hand protection: PVC gloves.

Eye protection: Safety goggles.

Skin protection: Plastic apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Pale yellow

Odour: Perceptible odour

Solubility in water: Soluble

Relative density: 1.1

pH: 2.5-3

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute effects: Harmful by inhalation, in contact with skin and if swallowed.
Irritating to eyes and skin.

11. TOXICOLOGICAL INFORMATION (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 vomiting and diarrhoea.

12. ECOLOGICAL INFORMATION

Mobility: Soluble in water.

Persistence and degradability: Not biodegradable.

Bioaccumulative potential: No data available.

Other adverse effects: Harmful 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 12

Disposal of packaging: Clean with water. Dispose of as normal industrial waste.

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: Not Classified.

IMDG / IMO

UN no: Not Classified.

IATA / ICAO

UN no: Not Classified.

15. REGULATORY INFORMATION

Hazard symbols: Harmful.



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Risk phrases: R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36/38: Irritating to eyes and skin.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.

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

S27/28: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water

Precautionary phrases: Contains hydroxylamine hydrochloride. May produce an allergic reaction.

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.

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.