

## SAFETY DATA SHEET

BLACKFAST 551      CONDITIONER

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Creation Date: 2016-06-01

Revision Date: 2023-06-28

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name:** BLACKFAST 551 CONDITIONER

**Product codes:** 551-5L, 551-5LU, 551-25L, 551-25LU

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Use of substance / mixture:** In use this product should be diluted to 10% with water PC35: Washing and cleaning products (including solvent based products).

#### 1.3. Details of the supplier of the safety data sheet

**Manufacturer:** Blackfast Chemicals Ltd.  
Unit B, 121 Roebuck Road  
Chessington  
Surrey  
KT9 1EU  
UK

**Tel:** +44 (0)208 339 7370

**Fax:** +44 (0)208 339 7371

**Email:** sales@blackfast.com

**CAN/USA Reseller:** e-Black Solutions

97 Wilkes Street

Brantford

Ontario

N3T 4W2

CANADA

**Tel:** 1-866-878-8886

**Fax:** 1-866-290-3642

**Email:** certification@e-black solutions.com

#### 1.4. Emergency telephone number

**Emergency Tel:** +44(0)1865 407333

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** Skin Sens. 1; H317; -; EUH208

**Most important adverse effects:** May cause an allergic skin reaction. Contains hydroxylamine hydrochloride. May produce an allergic reaction.

#### 2.2. Label elements

##### Label elements:

**Hazard statements:** H317: May cause an allergic skin reaction.

EUH208: Contains hydroxylamine hydrochloride. May produce an allergic reaction.

**Hazard pictograms:** GHS07: Exclamation mark



[cont...]

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**Signal words:** WARNING

**Precautionary statements:** P261: Avoid breathing dust/mist/spray.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves/eye protection/face protection.  
P302+352: IF ON SKIN: Wash with plenty of water/.  
P333+313: If skin irritation or rash occurs: Get medical advice/attention.  
P363: Wash contaminated clothing before reuse.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

HYDROXYLAMINE HYDROCHLORIDE - REACH registered number(s): 01-2119976376-23-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
226-798-2	5470-11-1	-	Met. Corr. 1: H290; Acute Tox. 4: H302; STOT RE 2: H373; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400	<3%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.  
**Ingestion:** Wash out mouth with water. Consult a doctor.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be mild irritation at the site of contact. An itchy rash may occur at the site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** There may be soreness and redness of the mouth and throat. There may be irritation of the throat. 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.  
**Delayed / immediate effects:** Toxicological data is based on animal data.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

[cont...]

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### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

#### 5.2. Special hazards arising from the substance or mixture

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

#### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### Section 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel.  
Turn leaking containers leak-side up to prevent the escape of liquid.

#### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

#### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance.

#### 7.2. Conditions for safe storage, including any incompatibilities

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

**Suitable packaging:** Polyethylene.

#### 7.3. Specific end use(s)

**Specific end use(s):** PC35: Washing and cleaning products (including solvent based products).

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Workplace exposure limits:** No data available.

#### DNEL/PNEC Values

**DNEL / PNEC** No data available.

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### 8.2. Exposure controls

- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.
- Hand protection:** Protective gloves. Breakthrough time of the glove material > 8 hours.
- Eye protection:** Safety glasses. Ensure eye bath is to hand.
- Skin protection:** Protective clothing.
- Environmental:** Prevent from entering in public sewers or the immediate environment.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- State:** Liquid
- Colour:** Pale yellow
- Odour:** Perceptible odour
- Solubility in water:** Soluble
- Relative density:** 1.1      **pH:** 2.5-3

### 9.2. Other information

- Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

- Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

- Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

- Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.
- Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

- Conditions to avoid:** Heat.

### 10.5. Incompatible materials

- Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

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

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

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### Hazardous ingredients:

#### HYDROXYLAMINE HYDROCHLORIDE

ORL	RAT	LD50	141	mg/kg
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### Relevant hazards for substance:

Hazard	Route	Basis
Respiratory/skin sensitisation	DRM	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact. An itchy rash may occur at the site of contact.

**Eye contact:** There may be irritation and redness.

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

**Delayed / immediate effects:** Toxicological data is based on animal data.

## Section 12: Ecological information

### 12.1. Toxicity

**Eco toxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bio accumulative potential

**Bio accumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**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.

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### Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

### Section 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Specific regulations:** Not applicable.

#### 15.2. Chemical Safety Assessment

### Section 16: Other information

#### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.  
H290: May be corrosive to metals.  
H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.  
H400: Very toxic to aquatic life.

**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.