



SAFETY DATA SHEET
BLACKFAST 800 INTERSTAGE RUST INHIBITOR

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Revision No: 1

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

Product name: BLACKFAST 800 INTERSTAGE RUST INHIBITOR

Product code: 800

Use of substance / preparation: Corrosion prevention for chemically blacked metal surfaces

Company name: Blackfast Chemicals Limited

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2. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Repeated exposure may cause skin dryness or cracking.

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: 2,2'-IMINODIETHANOL 1-10%

EINECS: 203-868-0 CAS: 111-42-2

[Xn] R22; [Xi] R38; [Xi] R41; [Xn] R48/22

- COPPER NAPHTHENATE 1-10%

EINECS: 215-657-0 CAS: 1338-02-9

[-] R10; [Xn] R22; [N] R50/53

- AMINE BORATE 1-10%

[Xi] R36/38

- MODIFIED ALCOHOL ETHOXYLATE 1-10%

CAS: 68154-99-4

[Xi] R38; [Xi] R41

- QUATERNARY FATTY AMINE ETHOXYLATE 1-10%

CAS: 68989-03-7

[Xi] R36; [N] R51/53

[cont...]

4. FIRST AID MEASURES

- 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:** Do not induce vomiting. If unconscious, check for breathing and apply artificial respiration if necessary. Give 1 cup of water to drink every 10 minutes.
- 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. Use water spray to cool containers.
- Protection of fire-fighters:** Wear self-contained breathing apparatus.

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. Wash the spillage site with large amounts of water. 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:** Keep away from sources of ignition.
- Suitable packaging:** Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Hazardous ingredients:** 2,2'-IMINODIETHANOL
UK - 8 hour TWA: 13 mg/m³
- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Respiratory protection:** Respiratory protection not required.
- Hand protection:** Protective gloves.
- Eye protection:** Safety goggles.
- Skin protection:** Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Yellow-tan

Odour: Barely perceptible odour

Solubility in water: Miscible

Relative density: 1.063

pH: 9.5-10

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Materials to avoid: Oxidising agents. Reducing agents.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Acute effects: Irritating to eyes.

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: Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

12. ECOLOGICAL INFORMATION

Mobility: Floats on water.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: No data available.

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.

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: Not Classified.

IMDG / IMO**UN no:** Not Classified.**IATA / ICAO****UN no:** Not Classified.**15. REGULATORY INFORMATION****Hazard symbols:** Irritant.**Risk phrases:** R36: Irritating to eyes.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases: S25: Avoid contact with eyes.

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

S35: This material and its container must be disposed of in a safe way.

S37: Wear suitable gloves.

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

Haz. ingredients (label): CONTAINS <5% 2,2'-IMINODIETHANOL AND COPPER NAPHTHENATE**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.

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Risk phrases used in s.3: R22: Harmful if swallowed.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.
R48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R10: Flammable.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R36/38: Irritating to eyes and skin.
R36: Irritating to eyes.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.