

MATERIAL SAFETY DATA SHEET

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SECTION 1 – PRODUCT INFORMATION

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|---|---|
| Blackfast Chemicals Ltd. <i>Manufacturers name</i> | ++44(0)20 8339 7370 <i>Telephone number</i> |
| Unit B, 121 Roebuck Road, Chessington, Surrey, UK, KT9 1EU <i>Address</i> | |
| BLACKFAST 716C LIGHT ALKALINE CLEANER <i>Product identification</i> | Product ID # 716C-25L, 716C-4PK, 716C-5L, 716C-25LU, 716C-4PKU, 716C-5LU |
| Product use: Industrial detergent, degreasing iron and steel | Size: 25 litre, 4 pack, 5 litre |
| Suppliers name: e-Black Solutions | Emergency #: 1-866-878-8886 |
| Address: 97 Wilkes Street, Brantford, Ontario, Canada N3T 4W2 | |

SECTION 2 – HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS | CONCENTRATION % | CAS NUMBER | ADDITIONAL INFORMATION |
|--|-----------------|-------------------|---|
| Ethylene Glycol Monobutyl Ether | 5 – 10 % | 111-76-2 | ORL-RAT LD50: 1480 mg/kg IN-RAT LC50: 450 ppm/4H RABBIT-SKIN LD50: 450 mg/kg TLV: 25 ppm |
| Sodium Silicate | 1 – 5 % | 6834-92-0 | SKN-HMN 250 mg/24H SEV ORL-DOG LDLO = 250 mg/kg |
| Trisodium Phosphate | 1 – 5 % | 101-018-90 | ORL-RAT LD50 = 7400 mg/kg IPR-MUS LD50 = 430 mg/kg |

This product contains no other hazardous ingredients

SECTION 3 – PHYSICAL DATA

| | | | | |
|--|---|---|--|------------------------------------|
| Liquid <i>Physical state</i> | Reddish liquid, mild detergent odour <i>Colour and appearance</i> | | NA <i>Odour threshold</i> | |
| NA <i>Vapor pressure</i> | Approx. 1 <i>Vapour density (air=1)</i> | Approx. 1 <i>Evaporation rate (water=1)</i> | Approx. 100° C. <i>Boiling point</i> | NA <i>Freezing Point</i> |
| 13.0 – 13.5 <i>pH</i> | 1.02 @ 20° C <i>Specific Gravity</i> | | Complete <i>Solubility/ Miscibility in water</i> | |

SECTION 4 – FIRE OR EXPLOSION HAZARD

| | | | |
|--|---|--|---|
| Conditions of Flammability: Not Flammable. Will not support combustion. | | | |
| Means of extinction: NA | | | |
| NA <i>Flash point and method</i> | NA <i>Upper flammable limit</i> | NA <i>Lower flammable limit</i> | |
| NA <i>Auto-ignition temperature</i> | NA <i>Hazardous combustion products</i> | | |
| <i>Explosion Data:</i> | | <i>Sensitivity to mechanical impact:</i> NO | <i>Sensitivity to static discharge:</i> NO |

SECTION 5 – REACTIVITY DATA

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| Chemical stability: Solution is stable under normal conditions. |
| Incompatibility with other substances: Yes, avoid strong mineral acids, and strong oxidizing agents |
| Conditions of Reactivity: Direct Contact |
| Hazardous decomposition products: CO_x, PO_x, various hydrocarbons, etc |

SECTION 6 – HEALTH HAZARD DATA (TOXICOLOGICAL PROPERTIES)

Route of entry: **Skin contact, skin absorption, eye contact, mist inhalation, ingestion**

Eyes: **May cause moderate irritation.**

Skin: **Prolonged or repeated contact with concentrate may cause mild irritation due to defatting.**

Inhalation: **Not encountered in normal use. No adverse effects are anticipated.**

Ingestion: **Can cause gastrointestinal irritation, nausea, vomiting, diarrhea. Large amounts may be harmful.**

Effects of acute exposure to the product: **May cause hemolysis of the red blood cells.**

Effect of chronic exposure to product: **NE**

| | | | |
|--|-------------------------------------|---|-----------------------------------|
| NA OSHA (PELs) Exposure limits | Eyes Irritancy of product | Skin Sensitization to product | NA Carcinogenicity |
| NA Teratogenicity | NA Reproductive toxicity | NA Mutagenicity | NA Synergistic products |

SECTION 7 – PREVENTIVE MEASURES**Personal protective equipment:**

| | | |
|---------------------------------------|---|---|
| PVC GLOVES Gloves (specify) | NA Respirator (specify) | SAFETY GOGGLES Eyes (specify) |
| NA Footwear (specify) | RUBBER APRON Clothing (specify) | Remove contaminated clothing immediately. Other (specify) |

Engineering controls: ex. **Local exhaust ventilation is recommended when in continuous use.**

Leak and spill procedure: **Absorb liquid in absorbent clay granules.**

Waste disposal: **Disposal must be in accordance with local and national legislation. Dispose through an authorized waste contractor to a licensed site.**

Handling procedures end equipment: **Avoid inhaling the vapor. Avoid contact with skin and eyes.**

Storage requirements: **Store in clean, dry conditions. Keep container closed and ensure label intact and legible.**

Prevent from freezing. Cover when not in use.

Shipping information: **No special precautions are necessary. Prevent from freezing.**



WHMIS CLASSIFICATION: N/A (Not Controlled)

SECTION 8 – FIRST AID MEASURES

Specific measures:

INHALATION: **Remove to fresh air.**

INGESTION: **Gargle, rinse mouth and drink large amounts of water. Try to induce vomiting. Seek medical aid.**

SKIN: **Remove contaminated clothing. Wash well with plenty of water. If irritation develops, seek medical aid.**

EYES: **In case of contact with eyes, flush immediately with plenty of water for 10 minutes and seek medical aid.**

SECTION 9 – PREPARATION INFORMATION

e-Black Solutions

Tel: 1-866-878-8886

June 2023, replaces all previous issues

Note:

NA: Not Applicable

NE: Not Established

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