

MATERIAL SAFETY DATA SHEET

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SECTION 1 – PRODUCT INFORMATION

Blackfast Chemicals Ltd. <i>Manufacturers name</i>	020 - 8336 2900 <i>Telephone number</i>
78 Coombe Road, New Malden, Surrey KT3 4QS, England <i>Address</i>	
BLACKFAST 716C LIGHT ALKALINE CLEANER <i>Product identification</i>	<i>Product ID #</i> 716C-25L, 716C-4PK, 716C-5L, 716C-25LU, 716C-4PKU, 716C-5LU
<i>Product use:</i> Industrial detergent, degreasing iron and steel	<i>Size:</i> 25 litre, 4 pack, 5 litre
<i>Suppliers name:</i> e-Black Solutions	<i>Emergency #:</i> 1-866-878-8886
<i>Address:</i> 120 Homewood Avenue, Suite 3708, Toronto, Ontario, Canada M4Y 2J3	

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 ⁰ C. <i>Boiling point</i>	NA <i>Freezing Point</i>
13.0 – 13.5 <i>pH</i>	1.02 @ 20 ⁰ C <i>Specific Gravity</i>		Complete <i>Solubility/ Miscibility in water</i>	

SECTION 4 – FIRE OR EXPLOSION HAZARD

<i>Conditions of Flammability:</i> Not Flammable. Will not support combustion.				
<i>Means of extinction:</i> 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

<i>Chemical stability:</i> Solution is stable under normal conditions.
<i>Incompatibility with other substances:</i> Yes, avoid strong mineral acids, and strong oxidizing agents
<i>Conditions of Reactivity:</i> Direct Contact
<i>Hazardous decomposition products:</i> CO _x , PO _x , various hydrocarbons, etc

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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

December 2011, replaces all previous issues

Note:

NA: Not Applicable

NE: Not Established

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