

MATERIAL SAFETY DATA SHEET

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SECTION 1 – PRODUCT INFORMATION

Blackfast Chemicals <i>Manufacturers name</i>	++44(0)20 83397370 <i>Telephone number</i>
Unit #5, Russell House, Molesey Road, Walton-on-Thames, Surrey, United Kingdom KT12 3PE <i>Address (Number, Street, City, Province/State, Postal/zip code)</i>	
BLACKFAST 626 HOT ALKALINE CLEANER Product identification	Product ID # 626, 626-U, 626-10Kg,
Degreasing of iron and steel <i>Product use</i>	Size: 10 Kg Bag, 20 Kg Box
Suppliers name: e-Black Solutions	Emergency #: 1-866-878-8886
Address: 13 Whitehall Lane, Cambridge, Ontario, Canada N1R 8N3	

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT
Sodium Hydroxide Powder	< 10% (w/w)	1310- 73- 02	Oral Rat 1300 mg/kg

SECTION 3 – PHYSICAL DATA

Solid <i>Physical state</i>	Odourless Off-White Deliquescent Powder <i>Odour and appearance</i>		NA <i>Odor threshold</i>	
NA <i>Vapor pressure</i>	NA <i>Vapor density</i>	NA <i>Evaporation rate</i>	<i>Boiling point</i>	<i>Freezing Point</i>
14 (1% Sol.) <i>pH</i>	NA <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> Stable under normal conditions.
<i>Incompatibility with other substances:</i> NE
<i>Reactivity and under what conditions?:</i> Exothermic reaction with water. Considerable heat is generated. Reacts in solution with Aluminum and Magnesium with Hydrogen evolution. Hydrogen can form explosive mixtures in the air.
<i>Hazardous decomposition products:</i> NA

SECTION 6 – HEALTH HAZARD DATA (TOXICOLOGICAL PROPERTIES)

<i>Route of entry:</i> Skin contact, eye contact, inhalation & ingestion. SKIN: Causes burns, which are slow to heal and leave a scar. EYES: Causes severe damage, permanently impaired vision or loss of sight. INHALATION: Dust or fumes may cause damage to upper respiratory tract and lungs. INGESTION: Causes severe tissue and organ damage.

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SECTION 6 – HEALTH HAZARD DATA (TOXICOLOGICAL PROPERTIES) - Continued*Effects of acute exposure to the product: NE**Effect of chronic exposure to product: NE*

NaOH (pure) 8 hr TWA 2 mg/m ³ OSHA (PELs) Exposure limits	NE <i>Irritancy of product</i>	NE <i>Sensitization to product</i>	NA <i>Carcinogenicity</i>
NA <i>Teratogenicity</i>	NA <i>Reproductive toxicity</i>	NA <i>Mutagenicity</i>	NA <i>Synergistic products</i>

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

PVC GLOVES <i>Gloves (specify)</i>	DUST MASK <i>Respirator (specify)</i>	SAFETY GOGGLES or FACE MASK <i>Eyes (specify)</i>
ALKALI RESISTANT BOOTS <i>Footwear (specify)</i>	RUBBER APRON <i>Clothing (specify)</i>	CLEAN COVERALLS <i>Other (specify)</i>

Engineering controls: Local exhaust ventilation is recommended for dust or steam from processing tanks. Provide eye wash and hose or shower facilities.**Leak and spill procedure:** Neutralize small amounts with dilute hydrochloric acid and flush into sewer. Shovel large amounts into steel or plastic containers and dispose as special waste in consultation with local waste disposal authorities. Wash the contaminated area with dilute hydrochloric acid and flush into sewer.**Waste disposal:** Disposal must be in accordance with local and national legislation. Dispose through an authorized waste contractor to a licensed site.**Handling procedures and equipment:** Avoid contact with skin and eyes. Avoid inhalation or ingestion. Use in a manner least likely to create dust. When making additions to working solutions, allow the solution to cool first. Otherwise there is a high risk of splashback. Dust mask should be used for occasional exposure but must be changed frequently to avoid concentration of caustic particles on the face.**Storage requirements:** Store in clean, dry conditions. Keep separate from foodstuffs. Keep container closed and ensure label intact and legible. Cover when not in use. Do not allow to come in contact with Aluminum, Zinc, Magnesium or their alloys.**Shipping information** No special precautions are necessary.
WHMIS CLASSIFICATION: N/A (Not Controlled) (Xi Irritant)**SECTION 8 – FIRST AID MEASURES***Specific measures:***INHALATION:** Remove from the contaminated atmosphere to fresh air. In case of doubt or severe exposure, seek medical attention.**INGESTION:** Gargle, rinse mouth and drink large amounts of water. Do not induce vomiting. Seek medical aid.**SKIN:** Remove contaminated clothing taking care not to transfer material to unaffected areas. Wash well with Copious amounts of water. If burn persists, seek medical aid.**EYES:** In case of contact with eyes, flush immediately with plenty of water for at least 15 minutes, followed by boric acid solution holding the eyelid open. Seek immediate medical aid.**SECTION 9 – PREPARATION INFORMATION**

e-Black Solutions

Tel: 1-866-878-8886

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Note: NA: Not Applicable NE: Not Established

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