

MATERIAL SAFETY DATA SHEET

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SECTION 1 – PRODUCT INFORMATION

Blackfast Chemicals Manufacturers name	020 - 8336 2900 Telephone number
Address : 78 Coombe Road, New Malden, Surrey KT3 4QS, England	
Product identification : BLACKFAST 933 EMULSION OIL CORROSION PREVENTATIVE	Product identification # 933-25L, 933-4PK, 933-5L, 933-25LU, 933-4PKU, 933-5LU
Product use: Rust preventative and water displacement	Size: 25 litre, 4 pack, 5 litre
Suppliers name: e-Black Solutions	Emergency #:1-866-878-8886
Address: 120 Homewood Avenue, Suite 3708, Toronto, Ontario, Canada M4Y 2J3	

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT
5-Chloro-2-methyl-2H-isothiazol-3-one	<0.02%	26172-55-4	Expected oral rat >2g/Kg
2-Methyl-2H-isothiazol-3-one N-(hydroxymethyl) formamide	<0.1%	2682-20-4	Expected dermal rabbit >2g/Kg

SECTION 3 – PHYSICAL DATA

Liquid Physical state	Mild Odored Clear brown liquid Odor and appearance	Not Determined Odor threshold		
< 0.1 Vapor pressure	NE Vapor density	< 1.0 (Water = 1) Evaporation rate	Not Determined Boiling point	< 0° C. Freezing Point
9.2 pH	NE Specific Gravity		NE Solubility / Miscibility in water	

SECTION 4 – FIRE OR EXPLOSION HAZARD

Conditions of Flammability: Flammable		
Means of extinction: CO2, dry powder, foam or water fog - DO NOT USE WATER		
Above 150°C Flash point and method	6.5 Upper flammable limit	0.6 Lower flammable limit
Above 230°C Auto-ignition temperature	NA Hazardous combustion products	
Explosion Data:	Sensitivity to mechanical impact: NONE	Sensitivity to static discharge: NONE

SECTION 5 – REACTIVITY DATA

Chemical stability: Stable at normal temperatures & under normal conditions.
Incompatibility with other substances: Avoid strong oxidizing agents. (Strong Acids or Alkalines)
Reactivity and under what conditions?: NA
Hazardous decomposition products: NA

SECTION 6 – HEALTH HAZARD DATA (TOXICOLOGICAL PROPERTIES)

Route of entry: Skin contact, eye contact, inhalation and ingestion.	
Effects of acute exposure to the product:	May cause dizziness, headache, or vomiting
SKIN: Defats the skin. May cause irritation.	EYES: Causes irritation. Vapor may cause irritation.
INHALATION: Mist and vapors may cause irritation to nose and respiratory tract. Vapors may cause headaches, dizziness and central nervous system depression. Long term vapor inhalation can cause kidney damage.	
INGESTION: May cause nausea, vomiting and diarrhea. Aspiration of liquid during ingestion or vomiting may cause severe chemical pneumonitis. May cause lung damage if swallowed.	

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SECTION 6 – HEALTH HAZARD DATA (TOXICOLOGICAL PROPERTIES) – Continued			
<i>Effect of chronic exposure to product:</i> Repeated and prolonged skin contact may lead to skin disorders. Long term vapor inhalation can cause kidney damage.			
5-Chloro-2-methyl-2H-isothiazol-3-one 8 hr TWA 0.05 mg/m ³ 2-Methyl-2H-isothiazol-3-one Formaldehyde (formed in solution) (formed in solution) TRK Value: 0.5ppm 8hr TWA 0.62 mg/m ³ OSHA (PELs) Exposure limits	Non Irritating <i>Irritancy of product</i>	Non Sensitizing <i>Sensitization to product</i>	NA <i>Carcinogenicity</i>
NA <i>Teratogenicity</i>	NA <i>Reproductive toxicity</i>	NA <i>Mutagenicity</i>	Toxic to Marine Life <i>Synergistic products</i>

SECTION 7 – PREVENTIVE MEASURES		
Personal protective equipment:		
PVC GLOVES <i>Gloves (specify)</i>	NA <i>Respirator (specify)</i>	SAFETY GOGGLES <i>Eyes (specify)</i>
NA <i>Footwear (specify)</i>	RUBBER APRON <i>Clothing (specify)</i>	Other (specify)
<i>Engineering controls:</i> Local exhaust ventilation is recommended. All equipment must be electrically grounded. Use flameproof equipment and isolate all potential sources of ignition. Isolate electrical ignition sources.		
<i>Leak and spill procedure:</i> Absorb liquid in absorbent clay granules. Spilt product presents a slip hazard.		
<i>Waste disposal:</i> According to government regulations. Dispose through an authorized waste contractor to a licensed site.		
<i>Handling procedures end equipment:</i> Immediately issue NO SMOKING and NO NAKED FLAMES warnings. Isolate electrical ignition sources. Avoid inhaling the vapor and contact with skin and eyes. Avoid sources of ignition.		
<i>Storage requirements:</i> Store in clean, dry conditions in temperatures 5 – 30 ^o C. Keep container closed and ensure label intact and legible. Cover when not in use.		
<i>Shipping information:</i> No Special precautions are necessary. WHMIS CLASSIFICATION: N/A (Not Controlled)		

SECTION 8 – FIRST AID MEASURES
<i>Specific measures:</i>
SKIN: Remove contaminated clothing immediately. Wash well with soap and plenty of water. If irritation develops, seek medical aid immediately. Show the container label
EYES: Flush with clean water immediately for 5 minutes. Seek medical aid.
INHILATION: Remove from exposure, rest and keep warm. Seek medical aid.
INGESTION: <u>DO NOT</u> induce vomiting. Wash mouth with water or milk. Give milk to drink. Beware of aspiration if vomiting occurs. If aspiration (inhalation of liquid into the lungs) is suspected or occurs, get immediate medical help.

SECTION 9 – PREPARATION INFORMATION
e-Black Solutions Tel: 1-866-878-8886 September 2010, replaces all previous issues
<i>Note:</i> NA: Not Applicable. NE: Not Established.

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