



SAFETY DATA SHEET

CTB- 3W Water Based Black Magnetic Ink Concentrate

1. IDENTIFICATION

Product Name: CTB3W/Water Based Black Magnetic Ink Concentrate **U.N.Number:** Not Listed
Trade Name: MPI Concentrate **Dangerous Goods:** Not Listed **Subsidiary Risk:** Not Listed
Hazchem Code: Not Listed **Poisons Schedule:** 5
Manufacturers Code: **CTB3W/Water Based Black Magnetic Ink Concentrate**
Product Use: To make an aqueous Fluorescent magnetic particle bath.
Packages: 1 litre plastic Bottles,
NFPA Rating: Health 1, Flammability 0, Reactivity 0. **Revision Date:** April 04, 2011
Date Emergency contact details added: October 2015
Distributor: Russell Fraser Sales Pty Ltd. 7/38 Waratah Street, Kirrawee, NSW, 2232, AUS
Phone: 02 9545 4433 (7am-5pm AEST) **Fax:** 02 9545 4218 **Emergency Tel After Hours:** 0416 055 166

2. INGREDIENTS

<i>Ingredient</i>	<i>Wt./Wt. %</i>	<i>CAS #</i>	<i>TLV</i>	<i>PEL</i>
Water	65 – 80			
Triethanolamine	2 – 4	102-71-6.	Not Avail	Not Avail
Monethanolamine	2 – 6	141-43-5	3ppm	Not Avail
Diabasic Acid	2 – 6	72162-23-3	Not Avail	Not Avail
Alcohol Ethoxylate	2 – 6	Proprietary	Not Avail	Not Avail
Iron oxide	5–11	1317-61-9 5	Not Avail	Not Avail

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

When diluted for use as specified (one litre in 19 litres of water), it is an alkaline solution.

POTENTIAL HEALTH EFFECTS

Skin Contact: Can irritate in dry skin.

Eyes: Irritating.

Inhalation: Not significant because CTB3W is mixed with water when in use. 19 water to 1 Concentrate

Ingestion: Can Cause Vomiting.

Medical conditions known to be aggravated by exposure to product: None

4. FIRST AID

Skin Contact: Rinse off with water. Use soothing lotion.

Eyes: Rinse carefully under upper and lower eyelids using plenty of water.

Inhalation: Not applicable.

Ingestion: Call a Physician

NOTE: In all severe cases, contact physician immediately. Local telephone operators can furnish number of regional poison control centre.



5. FIRE HAZARD

Conditions of flammability: None

Flash point: None

Flammable limits in air: None *Extinguishing media:* Not applicable *Special firefighting procedures:* None

Hazardous combustion products: None *Unusual fire hazards:* None

6. ACCIDENTAL RELEASE MEASURES

Hose down.

7. HANDLING AND STORAGE

Avoid ingesting liquid.

Avoid eye contact with alkaline solution.

Avoid repeated or prolonged skin contact with aqueous CTB3W solution

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Controls: Wear Gloves and Eye protection

Personal protection: Nitrile rubber gloves if hand exposure is unavoidable.

9. PHYSICAL PROPERTIES

Initial boiling point (bulk): 100°C *Percent volatile:* 4% *Vapour density:* Lighter than air

Density/sp. gravity: 1.1 (bulk) *Evaporation rate:* None *Water solubility:* Appearance: Black Liquid when mixed

pH: 9 (1% in water) *Odour:* None

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: Acids

Hazardous decomposition products: Mainly Steam

Reactivity: None

11. TOXICOLOGICAL INFORMATION

Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.

WHMIS information (Canada): According to available information, the ingredients have not been found to show reproductive toxicity, teratogenicity, mutagenicity, skin sensitization, or synergistic toxic effects with other materials.

12. ECOLOGICAL INFORMATION

No data is available on CTF9W/20BM.

13. DISPOSAL

Dispose of as ordinary waste water with mild detergent.

14. TRANSPORTATION

Hazardous Materials Table

Proper shipping name: None, not restricted *Hazard class or division:* None *Identification No.:* None

Packing Group: None



15. REGULATORY INFORMATION

TSCA: All ingredients are listed in TSCA inventory.

CERCLA: Not reportable

SARA TITLE III, Section 313: No reportable ingredients

16. OTHER INFORMATION

Revision 1st October 2015

Revised October 2015

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