

MATERIAL SAFETY DATA SHEET

COLLIER & COMPANY LTD.
3135 UNIVERSAL DR., UNIT 6
MISSISSAUGA, ONTARIO L4X 2E2

1.0 IDENTIFICATION

- 1.1 Product Name: **D.D.E**
1.2 Product Type: Deodorizer Digester with Enzymes

2.0 HAZARDOUS INGREDIENTS

- 2.1 Bacterial Complex CAS# 68920-42-3 TLVIACGIH = N/E (Not Established)
2.2
2.3
2.4 This product contains no other ingredient considered hazardous according to the criteria of controlled product regulations ingredient disclosure list.

3.0 PHYSICAL DATA

- 3.1 Appearance and odor: Liquid – light green - pleasant odour - non-descript
3.2 Solubility In Water: Complete
3.3 pH (%): 6.8 – 8.0
3.4 Boiling point: water Specific Gravity: 1.01-1.05
3.5 Flash Point:(TCC): Not Determined

4.0 FIRE AND EXPLOSION DATA

- 4.1 Special Fire Hazards: None
4.2 Fire Fighting Methods: Normal fire fighting equipment is sufficient
4.3 Extinguishing Media: Water and foam are suitable

5.0 REACTIVITY DATA

- 5.1 Stability: Stable under normal conditions
5.2 Conditions to avoid: Strong acid may inactivate cultures
5.3 Materials to avoid: Extreme heat and cold – Strong acids and alkalis

6.0 SPILL OR LEAK PROCEDURES

- 6.1 Cleanup: Pick up excess with absorbent type material and discard in disposable container
6.2 Waste Disposal: Discard according to Local Disposal Methods

7.0 HEALTH HAZARD DATA *CAUTION*

- 7.1 Effects of overexposure:
Skin: Prolonged or repeated skin contact may cause mild skin irritation.
Eyes: Avoid contact with eyes.

8.0 FIRST AID

- 8.1 Eyes: Flush with plenty of water for at least 15 minutes.
8.2 Skin: Wash with soap and water.
8.3 If Swallowed: If swallowed and conscious, give plenty of water to drink
DO NOT Induce vomiting-call physician

9.0 SPECIAL PROTECTION INFORMATION

- 9.1 No requirements beyond standard Industrial safety and hygiene practices.

10.0 ADDITIONAL INFORMATION / PRECAUTIONS

- 10.1 TDQ Class: Non-Regulated Whimis class n/r
10.2 Precautions: May cause irritation
10.3 Storage: Store in a cool dry place. Keep away from heat or open flame
KEEP OUT OF REACH OF CHILDREN

11.0 PREPARATION INFORMATION

- 11.1 Prepared by: COLLIER & COMPANY LTD (416) 201-1010
EMERGENCY NUMBER (613) 996-6666

- 11.2 Date of Preparation February 9, 2005

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.