

# Material Safety Data Sheet

Date : 12/09/17

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 PRODUCT NAME : PRIMA
- 1.2 CHEMICAL FAMILY : Viable Bacterial Cultures
- 1.3 PRODUCT USE : Drain Maintainer
- 1.4 SUPPLIER : CHANDLER
- 1.4 Address : 225 Thorne Ave, Saint John, NB
- 1.5 Telephone : **506-658-8000**
- 1.6 Fax : **506-853-7139**
- 1.7 Emergency : ORFILA : 01 45 42 59 59

## 2. COMPOSITION, INFORMATION ON INGREDIENTS

Cas #	Hazardous Material	Percent		
N/A	Viable Bacterial Cultures	60-100		

## 3. HAZARDS IDENTIFICATION

- 3.1 POTENTIAL HEALTH EFFECTS TO HUMANS : none under normal use
- 3.2 ENVIRONMENT HAZARDS : none

## 4. FIRST AID MEASURES

- 4.1 Inhalation : Move to fresh air. Seek medical attention if breathing is difficult
- 4.2 Eyes : Immediately flush with water for 15 minutes. Seek medical attention if irritation persists.
- 4.3 Skin : Immediately flush with mild soap and water for 15 minutes. Seek medical attention if irritation develops. Remove contaminated clothing and launder before reuse.
- 4.4 Ingestion : Do not induce vomiting. Rinse mouth with water. Drink large quantities of milk or water and seek medical attention immediately.

NOTE: ORGANISMS ARE NON-PATHOGENIC, BUT CAN CAUSE INFECTION IN OPEN

WOUNDS ; THEY ARE, HOWEVER, SUSCEPTIBLE TO MANY COMMONLY USED ANTIBIOTICS

## 5. FIRE FIGHTING MEASURES

- 5.1 Means of Extinction : N/A
- 5.2 Special Fire Fighting Procedures : Follow regulatory procedures
- 5.3 Unusual Fire and Explosion Hazards : not applicable
- 5.4 Hazardous Decomposition Products : not applicable

## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Individual Protection : Avoid prolonged contact with skin.
- 6.2 Environmental Protection : not applicable
- 6.3 Leak and Spill Procedures : Use absorbent and collect into containers. Rinse area thoroughly with water. Follow regulatory procedures.

## 7. HANDLING AND STORAGE

- 7.1 Handling : Avoid contact with other chemicals
- 7.2 Stockage : Store within temperatures of +1°C et 40°C. Keep container closed. Avoid temperatures of < +1°C et > 40°C. Incompatible materials : Chemical products. Store in plastic containers, **Keep out of reach of children.**

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

- 8.1 Engineering Controls : Adequate ventilation
- 8.2 Respiratory Protection : Use dust mask if misting product
- 8.3 Hands : Wear rubber or vinyl gloves
- 8.4 Eyes : use chemical goggles
- 8.5 Skin : not applicable
- 8.6 Exposure limits : not applicable
- 8.7 Technical measures : Observe regulatory precautions when handling chemicals.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance : Liquid
- 9.2 Odour : pleasant spicy odour
- 9.3 Colour: White
- 9.4 pH: 5.5 – 8.0

- 9.5 Activity : 60% typical
- 9.6 Boiling Point : not applicable
- 9.7 Freezing Point : 100°C
- 9.8 Solubility in water : soluble
- 9.9 Vapour Pressure : 20°C : 23 mPa
- 9.10 Specific Gravity : 1.01
- 9.11 pKa : 0.176
- 9.12 Density : 10.1 lbs

## 10. STABILITY AND REACTIVITY

- 10.1 Stability : Stable
- 10.2 Conditions to avoid : Do not freeze
- 10.3 Incompatible materials : strong acids or alkalies will inactivate enzymes.
- 10.4 Hazardous decomposition products : N/A
- 10.5 Hazardous polymerization : will not occur.

## 11. TOXICOLOGICAL INFORMATION

- 11.1 Carcinogenicity : not hazardous
- 11.2 Teratogenicity, Mutagenicity, Reproductive Effects : not applicable
- 11.3 Synergistic Materials : Not available
- 11.4 Acute Eye Irritation : Can cause irritation

## 12. ECOLOGICAL INFORMATION

- 12.1 Degradability : Product is biodegradable.
- 12.2 Ecotoxicity : Product conforms with legislation

## 13. DISPOSAL CONSIDERATIONS

- 13.1 Review federal, provincial and local government requirements prior to disposal.

## 14. TRANSPORT INFORMATION

- 14.1 NOT REGULATED

## 15. REGULATORY INFORMATION

- 15.1 OCCUPATIONAL HEALTH AND SAFETY REGULATIONS :
- 15.2 WHMIS CLASSIFICATIONS : Not regulated

15.3 ENVIRONMENTAL REGULATORY INFORMATION : All ingredients are listed

## 16. OTHER INFORMATION

WHMIS RATING :

Health :	1
Flammability :	0
Reactivity :	0
PPE :	0

NOTICE: INFORMATION CONTAINED IN THIS MSDS IS DRAWN FROM RELIABLE SOURCES. WE DO NOT ASSUME ANY LIABILITY IN CONNECTION WITH ITS INADEQUATE USE.