

## ADHERE CPM

### CHLORINATED ALKALINE GEL CLEANER

**ADHERE CPM** is specially designed for the agriculture and horticulture industry.

**ADHERE CPM** is a unique chlorinated liquid alkaline product which forms a gel when diluted in water. The gel permits the solution to adhere strongly to all surfaces to which it is applied.

When **ADHERE CPM** is used as foam with the appropriate equipment, the foam-gel solution clings to vertical surfaces for an almost unlimited period of time.

**ADHERE CPM** cleans a wide range of soils, including animal and vegetable soil.

### FEATURES AND BENEFITS

- Contains chlorine in the form of sodium hypochlorite
- Moderate caustic alkalinity
- High foaming
- Low viscosity when undiluted
- High performance product
- May be used in compressed air or manual foaming systems
- May be used in cleaning applications requiring >90% rates of **Clubroot resting spore mortality\***

\*Verified by the Crop Diversification Centre of Alberta Agriculture and Forestry using Evans Blue Stain method



### DIRECTION FOR USE

|                                  |  |
|----------------------------------|--|
| <b>Equipment to be cleaned</b>   | Agricultural and horticultural premises and equipment.   |
| <b>Use procedure</b>             | Manually remove a maximum of soil. Rinse surfaces with high-pressure water, then apply a foam or gel solution of <b>ADHERE CPM</b> . Allow to dwell, then rinse.   |
| <b>Concentration</b>             | Between 0.1% and 4% (1 ml to 40 ml/litre of water) according to degree of soil.<br><b>Clubroot deactivation:</b> Minimum of 10% v/v (100 ml/litre of water).   |
| <b>Temperature</b>               | Solution's temperature may vary between 5°C and 60°C (41 to 140°F) when applied as foam. However, avoid preparing solutions too far in advance, especially when hot since the chlorine found in the solution will evaporate. Note that solutions hotter than 40°C will not form a gel, they will foam. |
| <b>Dwell time/Operation time</b> | Between 5 to 25 minutes.<br>For <b>Clubroot deactivation</b> , a minimum of 20 minutes is recommended.   |
| <b>Mechanical action</b>         | Scrubbing or brushing recommended.   |
| <b>Rinsing</b>                   | Rinse surfaces thoroughly with potable water.  |

# ADHERE CPM CHLORINATED ALKALINE GEL CLEANER

## PHYSICAL PROPERTIES

|                                     |                                    |
|-------------------------------------|------------------------------------|
| Appearance                          | Clear, light green liquid          |
| Odour                               | Faint chlorine                     |
| Specific gravity @ 20°C             | 1.10                               |
| Viscosity                           | 10-100 cps                         |
| pH                                  | > 13                               |
| Flash point (TCC)                   | None                               |
| Water solubility                    | Complete                           |
| Auto ignition temperature           | None                               |
| Chlorine                            | Sodium hypochlorite                |
| Boiling point                       | 100°C                              |
| Freezing point                      | Not available                      |
| Foaming tendency                    | High                               |
| Concentration monitoring techniques | Electrical conductivity, titration |
| Rinsing                             | Excellent                          |

## INCOMPATIBILITY

Acids

## WAREHOUSING PRECAUTIONS

Keep containers tightly closed in a dry, cool and well-ventilated place

## AVAILABLE SIZES

|   |   |   |   |
|---|---|---|---|
|  |  |  |  |
| 4 X 4L  | 20L   | 205L  | 1000L   |



## IMPORTANT

Before using **ADHERE CPM**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

## FIRST AID MEASURES

### Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

### Skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

### Ingestion

Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

## PERSONAL PROTECTION



WHMIS

