

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

Equipment to be cleaned	Agricultural and horticultural premises and equipment.
Use procedure	Manually remove a maximum of soil. Rinse surfaces with high-pressure water, then apply a foam or gel solution of ADHERE CPM . Allow to dwell, then rinse.
Concentration	Between 0.1% and 4% (1 ml to 40 ml/litre of water) according to degree of soil. Clubroot deactivation: Minimum of 10% v/v (100 ml/litre of water).
Temperature	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.
Dwell time/Operation time	Between 5 to 25 minutes. For Clubroot deactivation , a minimum of 20 minutes is recommended.
Mechanical action	Scrubbing or brushing recommended.
Rinsing	Rinse surfaces thoroughly with potable water.

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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



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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



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