KLEENUP™

Sustainable Soil Fertility

Guaranteed Analysis 15-0-0

Total Nitrogen (N).....15.00%
- 3.75% Ammoniacal Nitrogen
- 3.50% Nitrate Nitrogen
- 7.75% Urea Nitrogen

Iron (Fe) 0.05%
- 0.05% Chelated Iron (Fe)

Manganese (Mn) 0.03%
- 0.03% Chelated Manganese (Mn)

Zinc (Zn) 0.03%
- 0.03% Chelated Zinc (Zn)

Derived From:
Urea, Ammonium Nitrate, Iron HEDTA, Manganese EDTA and Zinc EDTA. Chelating agents are Hydroxyethylethylenediaminetriacetate and Ethylenediaminetetraacetate.

Also Contains Non-Plant Food Ingredient:
8.0% Organic Matter (derived from leonardite)

Physical Properties:
Form: Liquid
Appearance: Clear to hazy, brown, with a slight characteristic odor.
Weight: 9.40 lb/gal, 1.13 kg/L
pH: 5.5–6.5

Caution:
Keep out of reach of children.
Harmful if swallowed. Ingestion of this product may cause gastrointestinal irritation, cardiovascular, and central nervous system effects.
The liquid and mists may be irritating to the eyes and skin.

Storage and Disposal:
Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. Do not store this product below 50°F (10°C) or above 90°F (30°C).

Conditions of Sale:
The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller.

The Solution for Cleaning Contaminated Soil

Huma Gro® KLEENUP™ is a nutrient and soil surfactant formulation with Micro Carbon Technology® that creates a favorable soil environment, improves aeration, and increases the water-holding capacity of soils. KLEENUP™ buffers heavy metals from being toxic to roots and breaks the hydrocarbon chains to speed up the degradation and breakdown of chemical residues.

Benefits of Use:
- Aids in breakdown of chemical and petroleum contaminants in soil
- Aids in detoxification of plants from chemical residues
- Stimulates root growth

Treats the Following Problems—When to Apply:
- Chemical or toxic compound contamination
- Residue from pesticides or herbicides
- Petroleum-based spills or leaks (oil, hydraulic fluid, etc.)

Application Instructions:
- Designed to be applied to the soil. Soil moisture is required for maximum bioactivity. Product is best applied after irrigation; if soil is dry, moisture should be provided.
- Best results will be obtained when application is concentrated in the active root zone.
- For field crops, first application should be 15 to 20 days before planting. For tree and vine crops, first application should be 15 to 20 days before planting, bud break, or root flush, or at the onset of dormancy. Apply directly to the soil followed by a shallow cultivation. Applications can be made as often as every 15 to 20 days as needed.
- KLEENUP™ can be applied in combination with compatible plant growth regulators, pesticides, or other liquid fertilizers. If compatibility is in question, jar-test a small quantity.
- Consult your local Huma Gro® Representative or other agricultural specialist for crop-specific recommendations.
- SHAKE WELL BEFORE USING. Do not apply this product in concentrations greater than 10% (1 part product per 10 parts water).

METHOD OF APPLICATION	*SUGGESTED RATE* *Field Crops / Tree or Vine Crops*	
Soil banded, injected, side dress, drip tape, or micro sprinklers	Up to 1 quart/acre, 2.5 liters/hectare	Up to 2 quarts/acre, 5 liters /hectare
Sprinklers: solid set, drag lines, linear, or pivot at 100% speed	Up to 2 quarts/acre, 5 liters/hectare	Up to 3 quarts/acre, 7.5 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 3 quarts/acre, 7.5 liters/hectare	Up to 4 quarts/acre, 10 liters/hectare

Powered by MICRO CARBON TECHNOLOGY®

****This Product Contains Micro Carbon Technology®, a proprietary blend of very small organic molecules that allows for more effective absorption of nutrients by plants.***

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