



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.

Physical Properties:

Form: Liquid

Appearance: Clear to hazy, brown and has a slight characteristic odor.

Weight: 9.93 lb/gal, 1.19 kg/L

pH: 5.5–6.5

Caution:

Keep out of reach of children. The liquid and mists may be irritating to the eyes and skin. Inhalation of mists may be irritating to the entire respiratory tract. Ingestion of this product may cause gastrointestinal irritation, or cardiovascular and central nervous system effects.

Storage and Disposal:

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

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, plant and soil conditions, and other factors are beyond the control of the seller.

For more info on
this product:



The Solution for Cleaning Contaminated Soil

Huma® **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:

- SHAKE WELL BEFORE USING.
- 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.
- Do not apply this product in concentrations greater than 10% without a jar test.

METHOD OF APPLICATION	SUGGESTED RATE		
	Field Crops, Sod, and Specialty Crops		Tree or Vine Crops
Soil banded or injected through 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 (100% speed)	Up to 2 quarts/acre, 5 liters/hectare	Up to 2 oz/1000 ft², 70 mL/100 m²	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 3 oz/1000 ft², 105 mL/100 m²	Up to 4 quarts/acre, 10 liters/hectare



**MicroCarbon
Technology®**

This product contains Micro Carbon Technology® (MCT), a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by plants.