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and observed prior to the total crop spray.

a rate of 60 to 120 ml per 100 m² or 1 litre per 400 litres of water.

applying Reducer as a root injection or soil drench, soil pH can be lowered slowly and gently without any detrimental effects to the plant materials. Apply at

Trees and Ornamentals: Many plant materials prefer acid soil in the pH range of 5 to 6.5. Soil pH is often above 7 from high calcium levels. By

other deposits. Add 1-1.3L/1000L of irrigation water or target a pH of 2-3 and leave in lines for 3-6 hours followed by a thorough flushing of the system.

CLEAN IRRIGATION LINES

mix concentrates together. Do not mix in a closed system as effervescence may occur, the requirement for gas produced to exit must be available, avoid

sure to slowly add Reducer to a tank mix and check with pH meter until the desired pH is reached. When mixing with alkaline or caustic materials never

TANK MIX ACIDIFIER BUFFER SOLUTIONS:

WATER INJECTION: Reducer can readily be applied directly into your irrigation water via an injection doser system which automatically monitors the pH

carbon dioxide back to the atmosphere and the solubility of the calcium is greatly reduced by precipitation as gypsum. Phosphorus and trace elements which will have been inactivated by the alkaline will be solubilised. The buffer capacity of every water supply differs.

acid solution via irrigation in to the soil, this breaks down calcium bicarbonate, the primary cause of the alkalinity. The bicarbonate is destroyed, returning

adding Reducer acid solution to the water source, hard water can be lowered and will reduce the possibility of soil pH drifting upwards. By putting Reducers

WATER TREATMENT: Many water supplies have very high pH levels. Continuous application of this water will tend to raise the pH of many soils. By

52F-5

CORROSIVE

**KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS**

REDUCER

pH acidifier


WATER TREATMENT ADDITIVE



ACTIVE CONSTITUENTS: 57% W/V SULFURIC ACID AS MONOCARBAMIDE DIHYDROGEN SULFATE

- Safer acid to handle and use than sulfuric acid as it does not cause skin burns by occasional contact.
- Breaks down calcium bicarbonate, lowers (Na) sodium levels.
- Lowers water pH to improve water quality
- Suitable for injection via doser system
- Releases locked up nutrients

NPK 7 - 0 - 0 + 29.5 S w/v %



LIQUID FERTILIZERS



NOT APPLICABLE TO 1000 LITRE CONTAINERS

20 Litre ■ 200 Litre ■ 1000 Litre ■

ANALYSIS	w/v%
Nitrogen (N) as monocarbamide dihydrogen sulfate	7.0
Sulfur (S) as monocarbamide dihydrogen sulfate	8.1
Sulfur (S) as sulfuric acid	21.4
Total Sulfur (S)	29.5

HAZCHEM

2R

UN NUMBER

2796

PG

11

Impurities:

Mo < 0.001%

Se < 0.001%

Cd < 1mg/kg

Pb < 3mg/kg

Hg < 3mg/kg

This product contains heavy metal impurities. Its use may result in accumulation of mercury in the soil and may lead to residue levels in plant and animal products in excess of the maximum level specified by the Australian New Zealand Food Standards Code

FIRST AID:

Inhalation: If aerosols are inhaled:

- Remove from contaminated area.
- Other measures are generally unnecessary.

Skin Contact: If skin or hair contact occurs:

- Immediately flush body and clothes with water (use a safety shower if available).
- Remove all contaminated clothing, including footwear.
- Wash skin and hair with running water. Contact Poisons Information Centre.
- Transport to hospital, or doctor.

Eye Contact: If this product comes in contact with the eyes:

- Immediately hold eyelids apart and flush the eye continuously with running water.
- Contact a Poisons info centre or a doctor and continue flushing until advised to stop.
- Transport to hospital or doctor.
- Removal of contact lenses if worn should be undertaken by skilled personnel.

Ingestion: If ingestion occurs:

- Do NOT induce vomiting
- For advice, contact a Poisons Information Centre, or a doctor at once.
- Urgent hospital treatment is likely to be needed.
- If vomiting occurs lean patient forward or place on left side to maintain open airway and prevent aspiration.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness. i.e. becoming unconscious.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Transport to hospital or doctor without delay.
- Observe the patient carefully.