



POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

NFuric

24

(23-0-0-24)

SI0018

Sulphuric Acid 742 g/L as mono and diurea sulphate

INDUSTRIAL

GUARANTEED ANALYSIS

Nitrogen (N)	22.8% w/v
N as urea	22.8% w/v
Sulphur (S)	24.3% w/v
S as Sulphate	24.3% w/v
Copper (Cu)	0.04% w/v
Specific Gravity @ 20°C	1.52 kg/L
pH	0.0 to 1.0

WARNING:
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20 L



GENERAL USE INFORMATION

The NFuric 24 Solution is designed to provide the growers the ability to combine a nitrogen fertilizer program with water pH modification in one step. Acidifying irrigation water can reduce the amount of carbonates and bicarbonates present, helping to keep drip lines clear of calcium carbonate deposits. The product can also be injected to help clear existing lines that have already become blocked. Application to calcareous soils can increase the availability of calcium.

NFuric 24 is safer to use than a straight sulphuric acid whilst the sulphuric acid decreases the potential losses from ammonia volatilization at the soil surface and ammonia damage in the root zone by urea alone. However, continuous injection of nitrogen-containing acid products may cause problems over the course of a season for crops that are sensitive to excessive nitrogen applications, such as apples and wine grapes.

The recommended treatments for preventing clogging is to inject NFuric 24 intermittently to keep the water pH below 4 for at least 30 to 60 minutes. The frequency of injection depends on the rate at which carbonate precipitation occurs. When using pressure-compensating emitters, check with the manufacturer before you lower the pH to 4 or less. Brass and any other non-stainless metal fittings can become pitted. Do not reduce the pH of irrigation water below 5.5 in irrigation systems with aluminium pipes. The amount of acid needed to lower the pH to the desired level depends on the alkalinity of the water and the target pH.

NFuric 24 can be used as a spray tank mix buffer, aiding in maximizing the efficacy of many herbicides and fungicides by reducing alkaline hydrolysis in the tank mix. Be sure to slowly add NFuric 24 to the tank mix and check with a pH meter or litmus paper until the desired pH is reached.

NFuric 24 can also be used as an efficient and rapid desiccant for a range of crops, consult your agronomist for specific recommendations and advice.

Do not directly mix acid and chlorine as this will cause the formation of poisonous chlorine gas.

DO NOT ADD WATER TO ACID, ALWAYS ADD ACID TO A LARGE VOLUME OF WATER.

PRODUCT INFORMATION

PRODUCT STORAGE

Keep material in a shaded, cool, dry, well ventilated area. Store product in suitable containers made from material such as stainless steel, high density polyethylene and fibreglass. This product can be corrosive to material such as brass, copper, zinc or alloys of these metals. Clean equipment after application of NFuric 24 thoroughly with clean fresh water. This product is recommended for use within 12 months from dispatch date.

WARNING & SAFETY INFORMATION

WARNING: Do not swallow. Fumes from this product may act as an irritant, use with adequate ventilation. Avoid inhalation and contact with the eyes and skin. Wear rubber gloves and appropriate eye protection when handling the product. See the product MSDS for further information - www.sltec.com.au

First Aid: For advice, contact a Poisons Information Centre (phone Australia 131 126) or a doctor. If swallowed, do NOT induce vomiting. If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (phone Australia 131 126) or a doctor, or for at least 15 min. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Warnings: Corrosive.

Safety Directions: Avoid contact with eyes. Avoid contact with skin.

IMPURITIES

Biuret 21.7 g biuret/kg N

Batch No. or Tank Number & Date:

Dispatch Date:

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