

GUR THERMAL SYSTEMS CLEANING TECHNOLOGIES LTD

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Product Data Sheet

Nar-Shield

Description:

Nar-Shield is multi-functional liquid cooling water treatment provide dispersion as well as scale habitation.

Nar-Shield is thermally and chemically stable; it keeps the calcium carbonate hardness in solution, in this way allowing an unobstructed flow of water through heat exchangers, piping, cooling towers thus enabling a maximum heat exchange. It prevents the salts and solids to plate out on metal surfaces. By this, cooling system is kept clean and corrosion through the build up of aeration cells are avoided.

Nar-Shield contains no chromate or heavy metals and is therefore environmentally safe.

Physical properties:

Concentration	10%
Density	1.10 ² /cm ³
Surface tension (1 g/lit ; 25° C/77° F)	32 mn/m
pH (1% aqueous solution)	7.5-9.0
Wetting power (1 g/lit)	> 300 sec
Foaming effect	650 ml
Solubility	Soluble in all proportion with water
Appearance:	Greenish

Direction for use:

Nar-Shield may be fed on a "one shot" basis or with an automated continuous system. Gradual and continuous feeding is recommended. Nar-Shield may be mixed with other treatment chemical.

Average treating rate is 20 – 50 ppm

Material safety data:

Flammability	Non-flammable
Stability	At least 2 years does not decompose

Nar-Shield do no exert any harmful effects on health, provided that it with be used with caution.

Avoid contact with skin and eyes. Avoid breathing vapors. Harmful if swallowed.

First aid:

If swallowed drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available drink large quantities of water. Avoid alcohol. Call a physician immediately.

Commercial data:

Disinfectant and Cleaning Compound

Packing: 55-gal dram / 16-gal barrel / 1-gal bottle

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