

## DINITROL 510

Universal Protection

### Characteristics:

- Transparent green
- Water borne
- Internal protection of objects

### Applications:

Residual DINITROL 510 will have no adverse effect on adhesion or other surface aspects of subsequent protective treatments of the substrate, such as phosphating, oiling, painting or metal plating. DINITROL 510 is principally intended as an additive for rinse water, to prevent development of corrosion on drying iron and steel parts. DINITROL 510 is especially suitable for use while rinsing porous materials such as castings, malleable goods, sintered iron-powder parts etc. particularly for degreasing and preserving. DINITROL 510 may also be utilised during the maintenance of submerged steel parts, and providing the substrates are constructed of ferrous metals, as an additive to the water in closed heating and cooling systems, during pressure testing of steel structures and in other similar cases where it is necessary to add a corrosion inhibitor to the water. Since copper, tin, zinc, aluminium and other metals are affected by DINITROL 510, substrates containing these non-ferrous metals **SHOULD NOT** be treated with water containing DINITROL 510.

### Method of use:

DINITROL 510 should normally be used in concentrations between 3 – 5 %.  
The product may be added to cold or warm water. In a large rinsing bath the concentration should be checked regularly and adjusted if significant deviations in concentration are apparent. Storage containers of iron or plastic are suitable for water containing DINITROL 510. Do not use containers constructed of non ferrous metals or galvanized vessels.

### Technical properties:

Colour:	green liquid
Density at 23°C:	1010 kg/m <sup>3</sup>
Flash point:	> 100°C
Min storage temperature:	- 10°C
Recommended film thickness wet:	Not applicable
Concentration of mixture:	3 – 5%
Available in:	208 l Drum

For all relevant safety advices please read the material safety data sheet or the packaging label.

Die in diesem Merkblatt gemachten Angaben sind das Ergebnis sorgfältiger Untersuchungen. Soweit sie sich auf die Anwendung beziehen, sind sie als Empfehlung zu betrachten, die dem Erfahrungsstand entsprechen. Wegen der Vielseitigkeit der Anwendungs- und Arbeitsweisen können wir jedoch eine Verbindlichkeit nicht übernehmen. Es wird daher ein vertragliches Rechtsverhältnis nicht begründet, und es entstehen aus eventuellen Kaufverträgen keine Nebenverpflichtungen.

All data and recommendations are the result of careful tests by our laboratories. They only can be considered as recommendation which correspond to the level of experience of today. The data are given in good faith. However, in view of the multiplicity of possible application and working methods we are not in a position to assume any responsibility or obligations deriving from the use of our products.

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