

PNSC

PNSC is an inhibited nitrite free liquid spray wash cleaner, which is designed for the removal of oils, cutting fluids and swarf from ferrous and non-ferrous metals as well as plastic components.

METHOD OF USE:

PNSC should be used in a single stage high-pressure spray washing machine at a concentration of 1-2% by volume (10-20 litres per 1000 litres of working solution). In order to ensure maximum corrosion protection on ferrous substances no rinse should be used, if a two stage washing machine is in use then the final stage should also incorporate **PNSC** in order to maintain the inhibition properties. After washing the parts should ideally be dried by the use of a cold air knife or blow off zone to ensure a stain free finish, particularly on highly machined or polished work. The **PNSC** wash may be operated from ambient temperatures up to 700 C at spraying pressures up to 20 bar. Most oils will not be emulsified therefore oil will float to the surface of the wash, this should be removed either continuously using a belt filter and weir system or manually at the end of production.

TESTING AND CONTROL

The concentration of **PNSC** should be checked periodically as follows: -
Take a 50ml sample of the working solution and add a few drops of bromo phenol blue indicator solution. Titrate with 0.1N hydrochloric acid from blue to a yellow colour.

1% **PNSC** = 9mls of 0.1N hydrochloric acid.

HEALTH AND SAFETY

Please read the separate health and safety information provided prior to use.

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