



NOVACLEAN 909

1. DESCRIPTION

A heavy duty powdered alkaline cleaner, suitable for soak cleaning of ferrous and non ferrous metals.

2. CHARACTERISTICS

Novaclean 909 is an outstanding caustic free, silicated heavy duty immersion cleaner for ferrous and non ferrous metals. It is safe on such metals as aluminium, brass and zinc die castings. **Novaclean 909** provides excellent wetting, emulsifying and dispersing properties which are effective in the removal of a wide variety of soils and oils. **Novaclean 909** is free rinsing and drains rapidly in either hard or soft water. Care should be taken after cleaning aluminium to remove silicate film before subsequent etching.

Some of the special applications of **Novaclean 909** are for use in ultrasonic cleaning, barrel or tumble cleaning, and cleaning prior to electrocleaning.

3. OPERATING INSTRUCTIONS

Suggested operating conditions are:

	Ferrous Metals	Non Ferrous Metals
Method	Immersion	Immersion
Concentration	30 – 90 g/l	15 – 60 g/l
Temperature	65 – 93°C	54 – 77°C
Time	5 – 15 minutes	2 – 10 minutes

4. SOLUTION CONTROL

Procedure

1. Add 10 ml of the **Novaclean 909** work solution to a flask and add approximately 50 ml of tap water.
2. Add 5 drops of phenolphthalein indicator. Mix well by swirling.
3. Titrate with 1N sulphuric acid until the original colour changes from red to colourless (or to the colour of the original solution sample.)
4. **Calculations:** Each ml of 1N sulphuric acid, titrated is equal to 19 g/l of **Novaclean 909** solution.

5. STORAGE CONDITIONS

Store in a cool, dry place. Rotate stocks to ensure product is not stored for more than one year.

Danger : May burn skins and eyes. Harmful if swallowed.

Contains sodium metasilicate. Avoid contact with skin, eyes and clothing when using this products. Wear eye protection such as side-shield safety glasses or goggles when making solutions. Avoid breathing dust or mists. Do not use for washing by hand.

In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes. Get medical attention immediately. For skin, flush with water. If irritation develops, get medical attention.

Do Not take internally – if swallowed, drink large amounts of milk, water or milk of magnesia.

Do Not induce vomiting. Get immediate medical attention.

KEEP OUT OF REACH OF CHILDREN

6. PACKAGING

Novaclean 909 is available in 25 kg bags.

DISCLAIMER

Any information given is, to the best of our knowledge, the best currently available, with respect to our products and their use, but it is subject to revision as additional knowledge and experience is gained. Such information is offered as a guideline for experimentation only and is not to be construed as a representation that the material is suitable for any particular purpose or use. Customers are encouraged to make their own enquiries as to the material's characteristics and, where appropriate, to conduct their own tests in the specific context of the material's intended use. This information is not a license to operate under nor is it intended to suggest infringement of any patent. We guarantee a uniform quality standard for this product. The only conditions and warranties accepted by Henkel in relation to this product or process are those implied by either Commonwealth or State statutes.