



Application

Cimclean APC31-134 is an alkaline cleaning compound designed specifically for use in cleaning machining coolants, drawing compounds and oils from aluminum, steel, brass or galvanized surfaces in high pressure spray washers. Cimclean APC31-134 can also be used in dip or soak operations.

Features and benefits

Cimclean APC31-134 will not cause pitting, corrosion or staining on rough cast or machined aluminum surfaces. Aluminum test pieces soaked in 2% solutions of this material remained bright and corrosion-free over a period of a month. Galvanized sheet is not affected by Cimclean APC31-134, nor is brass or copper. Cimclean APC31-134 protects iron and steel from rusting without the addition of supplemental corrosion inhibitors.

Cimclean APC31-134 is intended primarily for use in high-pressure spray washers operating at ambient temperatures, but can also be used at elevated temperatures. Cimclean APC31-134 is a non-foaming oil rejecting cleaner. The usual recommended operating concentration for this product is 2% in water. Lower concentrations can be used for removing light soils and machining coolants, while higher concentrations are sometimes necessary for difficult heavy oils and greases. Concentrations of 2% to 3% are recommended when iron or steel parts are being washed to insure adequate rust protection. Higher concentrations of Cimclean APC31-134, ranging from 5% to 10%, are sometimes required in dip or soak tank washers.

Cimclean APC31-134 responds readily to conventional waste treatment procedures. This product is an alkaline corrosive material and proper precautions should be taken in handling.

Methods of application

Cimclean APC31-134 is easy to mix, normal stirring only. For automatic mixing, the use of the Cimcool® Mix Master or Cimcool Mix Master S is recommended. Product is also suited for dosing via conductivity. Typical starting water temperature conditions should be 5 - 25°C.

Recommended starting concentration

General cleaning applications	2 - 3%
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Mix Master S: Concentration** can easily be obtained by setting the regulator to the correct number.

** The concentration may vary depending on local conditions. It is therefore always advised to check using the refractometer or TA Kit.

Concentration analysis

For concentration analysis, use one of the below given methods or an appropriate laboratory procedure available from your local stockist.

Refractometer factor:	4.3
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If the refractometer is used, the resultant reading multiplied by a factor of 4.3 will only be relevant when applied to a fresh mix.

Cimcool TA kit	Use 1 ml. Mix										*: next syringe
%	1	2	3	4	5	6	7	8	9	10	
Reading	0.80	0.65	0.50	0.35	0.20	0.05	*.90	*.75	*.60	*.45	

Handling and storage

Protect from freezing, direct sun and store between 5 - 35°C.

Packaging type

200, 1000 litre

Safety Data Sheet

The Safety Data Sheet should be consulted for specific information and information on Health, Safety and Environment when handling this product.



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