

# The characteristics of a high-quality cleaning product

There are numerous advantages of using high-quality cleaning chemicals. When used under the right circumstances, a high-quality cleaning product can reduce your cleaning time significantly. Moreover, the purchase of a premium product often results in savings on the long term, since the reduction of the cleaning time results in lower fuel consumption. With today's wide range of cleaning chemicals, however, it can be a real challenge to choose the right product. With this blog we hope to provide more insight in the characteristics of a high-quality cleaning product, so that you can tell whether the product you are about to purchase belongs to the top range or is of a lesser quality.

## High concentration of active ingredients

To check what kind of product you have on hand, sometimes all you must do is simply check the composition of the product. Premium range cleaning chemicals contain a high concentration of active ingredients. Our Grato 50, for example, consist of a high concentration KoH, a complexing agent, non-ionic surfactants, Anionic surfactants and Glycol. Products of a lower quality often only consist of a raw material mixed with water.

## Inspection certificate

Products produced by a professional and reliable manufacturer, are always provided with a batch number and inspection certificate, as shown below. This inspection



CP Metal Chemicals BV  
VLAARDINGEN  
NIEDERLANDE

**Material:** T 1166 marine KN25=RWE  
**Material Number:** 451891  
**Batch No:** SB80722836  
**Quantity:** 90,000 JRC  
**Manufacture Date:** 15 February 2018  
**Expiration Date:** 15 February 2020

Characteristic	Method	Analysis	Specification	Dimens.
<b>appearance</b> klare, farblose Lösung	201201	OK	-	-
<b>density</b> 20°C	200001	1,212	1,195 - 1,225	g/ml
<b>total acidity</b> End-pH8,5	213401	68,9	64,0 - 72,0	ml/g

We confirm conformity of the batch listed on this certificate to the above mentioned specification at the date of manufacturing.

It is hereby certified that the batch as listed in this certificate, was tested at the time of manufacture to the methods as mentioned above. The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's intended use of the product and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In the light of the foregoing, we specifically disclaim all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of our products. Our liability is limited in any case to the typical and foreseeable damages provided there was no intent or omission on the part of our statutory agents and provided that no major contractual duty has been breached. This does not affect liability under any applicable and mandatory product liability law. The aforesaid limitation of liability also does not apply in the event of harm to life, physical injury or harm to health. In the event of intent or gross negligence, the statutory provisions apply.  
This certificate is created by an electronic system and is valid without a signature.

### Inspection Certificate 3.1 (EN 10204)

DATE 19 February 2018  
PAGE 1 from 1

Your Order 2638  
Date Of Order 19 January 2018  
Order 4591429  
Delivery Note 9001309977  
Delivery Position 900001  
Customer No 816608

certificate shows the batch number, the production date, the manufacturing date, the expiration date and is evidence of a precisely executed final inspection. The batch number ensures that a product can always be traced back to the original production series. In case of a complaint the cause can be accurately sorted out and appropriate measures can be taken.

## Country of origin

Other important information to find out whether your product is of an A-range, is to check in what country the product is manufactured. A frequently heard complaint by new customers is the quality difference they have experienced when buying from other suppliers at different locations. Sometimes a product bought in China can cause a completely different cleaning result than the same product bought from the same supplier in Europe. This difference in quality is caused by the fact that many suppliers have their products produced locally. Even when the exact same recipe is used for production, the raw materials used in for example Asia can be completely different from the raw material used in Europe. To guarantee a constant product quality, CP Metal Chemicals ships its European-produced cleaning chemicals to stock points at strategic ports all over the world.



## Cost in perspective

At last we would like to highlight the importance of looking at the overall picture when purchasing tank cleaning chemicals. When you are considering buying a product, price obviously plays an important role. However, when talking about price, people often only look at a price per litre. It is at least as important to consider what amount of product is required and what the use of this product means for the duration of the total cleaning process. At CP Metal Chemicals & Henkel, we develop products that are of such quality that the total cleaning time can be reduced and yields a saving in fuel consumption. Bottom line, when you are looking for the most economical solution for your tank cleaning challenge, it is important to take the required quantity of the product and its effect on the total cleaning time into account.

## Technical support

At CP Metal Chemicals nothing is more important than to satisfy our customers. Servicing our relations at the highest level, is only possible when we fully understand their situation. Would you like to receive more information about the characteristics of high-quality cleaning chemicals, or do you want cleaning advice based on your specific situation? The team of CP Metal Chemicals is more than happy to support!

You can contact us via below details:

W [www.cp-metal.nl](http://www.cp-metal.nl)

T +31 10 2994999

E [operations@cp-metal.nl](mailto:operations@cp-metal.nl)