BONDERITE

Technical Data Sheet

# BONDERITE C-MC 9062-1 S

September 2018

## PRODUCT DESCRIPTION

BONDERITE C-MC 9062-1 S provides the following product characteristics:

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| **Technology** | Industrial Cleaner |
| **Product Type** | Degreaser |
| **Application** | Spray or Immersion |

BONDERITE C-MC 9062-1 S is a water based degreaser. Decarbonizer for spray or dip application.
BONDERITE C-MC 9062-1 S is a water based alkaline product developed to remove engine varnish and carbon deposits as found in internal combustion engines.

**Application Areas:**
The low foaming properties make is possible to use BONDERITE C-MC 9062-1 S in spray systems, but it can also be used in still tanks, or preferably in Turco Turbulator or Hydrosonic systems to obtain the best results. For special applications such as fuel injectors, BONDERITE C-MC 9062-1 S can also be used in high intensity Ultrasonic tanks. BONDERITE C-MC 9062-1 S does not contain chlorinated solvents, phenolic bodies, amines or chromates that were up to now considered to be unavoidable for carbon removal. The absence of the afore mentioned dangerous chemicals makes it possible to use a water based system without the necessary investments in extraction systems, collecting bonds for the process tanks and similar protective measures as nowadays mandatory by law. BONDERITE C-MC 9062-1 S is safe on aluminum, steel, copper and their alloys. As an extra advantage, BONDERITE C-MC 9062-1 S is a liquid product that makes it very easy to use and to store.

BONDERITE C-MC 9062-1 S is mainly used in work shops and companies that maintain or overhaul petrol or diesel engines. Many accessories can be cleaned as well, clutch parts, gearbox parts, carburetters, manifolds, pistons, valves compressors/turbo's, sumps, radiators etc. Most common contaminants like oil, grease, carbon, engine varnish, soot etc. will be easily removed in BONDERITE C-MC 9062-1 S solutions.

**Composition:**
Aqueous solution of potassium hydroxide, sequestrants, surfactants.

## TECHNICAL DATA

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| Appearance: | clear tan |
| Odour: | mild |
| Specific weight: | 1.25 g/mL |
| pH-Value: | 12.5 |
| Flash Point: | none |

## DIRECTIONS FOR USE

**Preliminary Statement:**
Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

**Application:**
The low foaming properties make BONDERITE C-MC 9062-1 S an ideal product for spray applications as found in most overhaul shops.
Alternatively, where higher loads are expected Turco Turbulator tanks or Hydrosonic systems will provide the necessary turbulence for even better cleaning in dip systems.
For many parts, injector, fuel pump, cylinder heads, ultrasonic agitation has been found to be very effective in supporting the cleaning action.
For most applications a 15% solution of BONDERITE C-MC 9062-1 S will do an excellent job.
In those cases where only degreasing is required 6% solutions can be used.
Recommended temperature is 80 °C.
Contact time is very dependent on the amount and kind of contamination to be removed.
If possible, high pressure rinsing is recommended.
After rinsing, there will be no rust protection and we advise to add Turco Rinse or Rust Bloc 1.5 to 3% to the final rinse water for corrosion protection.

**Caution:**
BONDERITE C-MC 9062-1 S is an alkaline material and contact with skin and eyes should be avoided, in case of spillage rinse with copious amounts of water.
In case of contact with eyes consult a physician.
For further details consult the appropriate Material Safety Data Sheet information.

**Waste Water Treatment:**
Neutralize and separate oil, remove sediments.
Very contaminated solution may be incinerated or disposed off conform local or governmental regulations.

**Classification:**
Please refer to the corresponding **Material Safety Data Sheets** for details on:
- **Hazards identification**
- **Transport information**
- **Regulatory information**

**Storage:**

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| Recommended Storage Temperature, °C | 0 to 50 |
| Shelf-life, months | 24 months |

Sample

Henkel

## ADDITIONAL INFORMATION

### Disclaimer

**Note:**
The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.
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