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## TECHNICAL DATASHEET ergo® Metal Cleaner 9190

### Product Description

ergo® Metal Cleaner 9190 is a pure multipurpose, solvent based product, formulated for the removal of grease, oil and dirt. The cleaner is free of halogenated hydrocarbons. It is available in aerosol cans, using carbon dioxide as a propellant, but also as a pure liquid

### Application Areas

ergo® Metal Cleaner 9190 removes grease, oil and dust and prepares surfaces to be bonded, but it also cleans brakes, clutches and transmissions. Further it may be used to remove adhesive and sealant residues from motor, carburettor and transmission flanges prior to the application of new sealant. ergo® 9190 is also an excellent solution to remove hardened grease from hinges and joints prior to renewed greasing.

### Physical properties

Chemical base	organic solvents	
Colour	colourless	
Viscosity	< 20 mPas	
Density	0,75 - 0,77 g/cm <sup>3</sup>	at 20°C
Flash point	- 21°C	acc. to DIN 55213
Shelf life	24 month at approx. 20°C	

### Preliminary remark

Prior to application it is necessary to read the Safety Data Sheet for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labelling, the relevant precautions should always be observed.



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## Application

For common use ergo® Metal Cleaner 9190 is applied from the handy aerosol can, but for bigger applications, 5 litre or even 10 litre tin cans are available, too.

The parts to be cleaned should be thoroughly treated with Cleaner and the excess should be allowed to drip-off. The fast evaporating solvent and the pressure of the spray jet lead to a combined chemical and mechanical cleaning.

Avoid excessive application to painted areas, plastics and rubber.

The product must not be sprayed in open fire or on electrical contacts because of its flammability.

## ATTENTION !

Please check carefully in advance, whether the material resists against the solvents.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn, even not after use.

Without sufficient ventilation, it may build up explosive air-mixtures.



Xi Irritant

F+ Extremely flammable

N Dangerous for the environment

### WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KISLING products are safe, effective, and fully satisfactory for the intended end use. KISLING sole warranty is that the product will meet the KISLING sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. KISLING specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KISLING provides you with a specific, duly signed endorsement of fitness for use, KISLING disclaims liability for any incidental or consequential damages. Suggestions of uses should not be taken as inducements to infringe any particular patent.