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Technical Information: SPC NK105 Water-Based Corrosion Protection



Chemical name : SPC NK105 Water-Based Corrosion Protection

Environmentally Friendly, Water-Based Corrosion Protection for Storage & Transport

advantage : biodegradable, oil-free, easy to wash off

Areas of Application : protects metals against rust formation, especially during storage and transport.

Einecs-No. : Gemisch

CAS-No. : Gemisch

Synonym : Ölfreies Rostschutzmittel, Wasserbasiertes Rostschutzmittel

General informations : SPC NK105 – Environmentally Friendly, Water-Based Corrosion Protection for Storage & Transport

Oil-Free and Low-Residue

Traditional rust preventatives often contain oil, which leaves behind sticky residues and attracts dust and dirt. NK105, by contrast, is a water-based, oil-free corrosion inhibitor that forms a clean, dry protective layer. This keeps workpieces free from unwanted deposits, which is especially beneficial for precision machining processes.

Reliable Corrosion Protection

NK105 reliably protects metals against rust formation, especially during storage and transport. Its special formulation is ideal for workpieces stored in changing climatic conditions or in controlled environments with low humidity. With NK105, you can effectively protect your components from corrosion.

Water-Soluble and Easy to Remove

A key advantage of NK105 is how easily it can be removed. Since it is water-soluble, it can be rinsed off effortlessly with water—without the need for harsh or specialized cleaning agents. Compared with conventional oil-based rust preventatives, NK105 therefore offers an environmentally friendly and economical alternative for industrial applications.

Application :

Easy Application and Removal

SPC NK105 is applied evenly to the metal surface to be protected and, after drying, forms an effective, invisible protective layer against corrosion. Thanks to its water-based formulation, the product dries without leaving any residue and does not leave behind any oily or sticky traces.

Imagine storing a metal workpiece in a climate-controlled environment. Without protection, rust can form over time, which not only affects its appearance but also the functionality of the component. With NK105, you can reliably prevent corrosion and ensure long-term preservation of value. When the protective film is no longer needed, it can simply be washed off with water — entirely without the use of special cleaning agents.

Hazard Informations :

SPC NK105 Sustainable corrosion protection for storage and transport is label-free and is not classified as dangerous goods under ADR. Nevertheless, we handle all our products with the utmost care and take all necessary measures to ensure they are properly labeled and handled safely. NK105 Sustainable corrosion protection for storage and transport is classified as slightly hazardous to water (WGK 1); therefore, spills into the environment should be avoided. The usual safety precautions must be observed during handling.

Label :

GHS07

Version: 30.07.2026

This data is only for your information purposes and does not imply a guarantee for a certain application.