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KORYNT RUST-REMOVER

TECHNICAL DATA SHEET

TL 195/2001

Date of Issue: 22. 4. 2003

Date of Revision: 12. 3. 2015

Product characteristics**KORYNT RUST-REMOVER** is an acidic agent containing phosphoric acid.**Applications**

KORYNT RUST-REMOVER is a rust-removing agent for iron, steel and cast iron used prior to application of coating composition treatment to their surfaces. It removes rust from an iron surface as well as any surface of iron alloys. It can be applied both by immersion and spraying. Once the rust is removed and the treated surface is rinsed with water, the metal surface is covered by iron complexes that act as short-term corrosion protection.

Product Features

KORYNT RUST-REMOVER is flavescent coloured, slightly viscous liquid of acidic reaction.

KORYNT RUST-REMOVER must comply with the following quality characteristics:

Quality characteristic	Value	Methodology of assessment
Density at 20 °C (kg.m ⁻³)	1190 to 1210	PN-ZM 195/2001
Viscosity at 20 °C (mPa.s)	5 to 20	PN-ZM 195/2001
pH of a 1% solution	2.0 to 2.5	PN-ZM 195/2001
Acid value (mg KOH/g)	180 to 210	PN-ZM 195/2001

Directions for Use

KORYNT RUST-REMOVER is used in a non-diluted form, and its application must be always followed by rinsing with water. Operating temperature of the bath is between 15 to 30 °C.

Time necessary to remove all rust ranges from 5 to 30 minutes depending on a level of corrosion of the treated material. Rate of rust-removing can be increased by stirring, by increasing temperature of the rust removing bath, or by doing both the aforementioned.

Process of rust-removing must be always followed by rinsing with water. For medium-term corrosion protection, it is necessary to use KORYNT 3160.

Packaging & Storage

KORYNT RUST-REMOVER is delivered in 50 l PE cans. Alternatively, it can be delivered in different containers that were discussed and agreed on in advance. Store it in a sealed container in places protected from direct climatic influences. Recommended storage temperature is from +5 to +30 °C. Storing at temperatures below 0 °C does not affect product's application properties.

Transport

KORYNT RUST-REMOVER is transported by covered vehicles in compliance with ADR/RID Regulations.

Warranty

Provided the product is transported and stored in accordance with the above written conditions, its warranty is 6 months from the date it was delivered from a warehouse.

Note

Data about the product characteristics and its processing were obtained by laboratory measurements and application tests. This technical data sheet can provide solely legal advice without any engagements. Use of the product should be always adjusted to specific conditions.