

**CHEMOTEX Děčín a. s.**  
Děčín XXXII – Boletice nad Labem 63  
407 11 Děčín  
Czech Republic

**Tel: +420-412-547 461**  
**Fax: +420-412-547 200**  
**E-mail: chemotex@chemotex.cz**  
**www.chemotex.cz**

## KORYNT 3160

### TECHNICAL DATA SHEET TL 185/2001

Date of Issue: 24. 10. 2002

Date of Revision: 12. 3. 2015

#### Product characteristics

**KORYNT 3160** is an aqueous solution of modified ammonium compounds.

#### Applications

**KORYNT 3160** is a passivating agent for iron, steel and cast iron. It provides a medium term rust protection. Passivation bath is applied by spraying or submersion. The agent can be also used for cleaning brass objects.

#### Product Features

**KORYNT 3160** is flavescent coloured, moderately viscous liquid that can be mixed with water in any ratio.

**KORYNT 3160** must comply with the following quality characteristics:

Quality characteristic	Value	Methodology of assessment
Total alkalinity (mg KOH/g)	260 to 280	PN-ZM 185/2001
pH of a 0.5% aqueous solution	maximally 10	PN-ZM 185/2001
Density at 20 °C (kg.m <sup>-3</sup> )	1100 to 1200	ČSN EN ISO 2811-1

#### Directions for Use

**KORYNT 3160** is very soluble in cold water. Recommended concentration of the passivation bath ranges from 0.5 to 1.5 % (from 5 to 15 litres of the agent per 1000 litres of the bath). Recommended temperature for passivation is between 30 to 40 °C. The agent should be allowed to take effect for 3 to 5 minutes.

At lower operating temperatures, it is necessary to increase both the agent's concentration and the time for which it is taking effect.

The operating bath is "being depleted" during its application - content of the active component of the agent is decreasing. Consequently, it is necessary to monitor the value this content. This monitoring is usually performed by determining alkaline concentration of the bath.

#### Packaging & Storage

**KORYNT 3160** is delivered in 50 l PE bottles. 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 between +5 to +25 °C. Short-term exposure to lower temperatures, e.g. during transport, does not affect product's application properties.

#### Transport

**KORYNT 3160** 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 production date.

**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.