

BONDERITE C-AK 72

Known as P3-percy 72

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PRODUCT DESCRIPTION

BONDERITE C-AK 72 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Alkaline Cleaner
Application	Metal Pretreatment

BONDERITE C-AK 72 is used in the manufacturing industry as universal cleaning agent for the treatment of steel, aluminum and non-ferrous metals used in spray and dip systems.

Cleaning after cutting, stamping and pressing of all metals.

BONDERITE C-AK 72 does not affect the alloys of aluminium, copper, tin or zinc and may be used to clean different metals simultaneously. BONDERITE C-AK 72 may give a slight dulling to mirror polished aluminium if used over an extended contact time.

TECHNICAL DATA

Composition	carbonate alkalies silicate organic salts nonionic surfactants
Appearance	white powder
pH-value (in a solution of 10 g/L)	~12.5
Conductivity (10 g/L)	~13 mS/cm
Bulk density	700 g/L

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 Method:

spray process
immersion process

Bath Make-up:

Add the powder slowly while stirring to the preheated water (40 to 50°C).

The bath is ready for use when the powder is dissolved completely.

After degreasing, water rinse of the parts is necessary prior to subsequent treatment.

Operating Parameters:

Application concentrations:	15 to 30 g/L
Application temperature:	40 to 95°C
Treatment time:	1 to 10 min

Titration Factor:

0.7 g/(L*mL) for the titration of 50 mL bath solution with 0.5 N HCl, colour indicator: methyloange.

Foam Behaviour:

Sprayable above 50°C.

Waste Water Treatment:

For the neutralization of 1 kg BONDERITE C-AK 72, 2.2 kg sulphuric acid (25 %) is required.

Storage:

Recommended Storage Temperature, °C	-10 to 40
Shelf-life, months (in unopened original packaging)	36

Classification:

Please refer to the corresponding **Material Safety Data**

Sheets for details on:

Hazards identification
Transport information
Regulatory information

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Reference 0.1