

BONDERITE C-AD S-2

November 2017

PRODUCT DESCRIPTION

BONDERITE C-AD S-2 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Inhibitor for mineral acids
Application	Sulphuric acid
Operating Temperature	up to 65 °C
Concentration	1 to 3 g/L

BONDERITE C-AD S-2 is a liquid product to be used as inhibiting additive to Sulphuric Acid based etching process of the steel.

The inhibiting capacity of BONDERITE C-AD S-2 toward the steel is higher than 96 % and prevents the hydrogen cracking of the deoxidized metal.

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:

BONDERITE C-AD S-2 has to be added to Sulphuric Acid baths working from 40 to 65°C.

The concentration ranges between 2 to 3 g/L and has to be decided case by case.

Bath make-up:

Prepare 1,000 L of bath using between 2 to 3 L of BONDERITE C-AD S-2. Proceed dissolving the required amount of the product in some tap water then slowly add the compound to the operating Sulphuric Acid tank. Homogenize the bath before the start up.

Replenishment:

It is made by periodical addition of Sulphuric acid and BONDERITE C-AD S-2 so that the initially fixed concentration is kept consistent.

Advices:

Rinse the pieces after the deoxidizing process.

The presence of BONDERITE C-AD S-2 will not affect the possible further metal pretreatment (Coppering or phosphating, etc.).

Slight differences in the product appearance do not affect its performance.

Storage:

Recommended Storage Temperature 0 to 40°C

Store the product in a covered, cold and ventilated area.

Classification:

Please refer to the corresponding **Material Safety Data Sheets** for details on:

Hazards identification
Transport information
Regulatory information

ADDITIONAL INFORMATION**Disclaimer****Note:**

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