



Plumbing Products

BORAX

Technical Data Sheet

Reviewed: 06.06.2015



DESCRIPTION

BORAX is white crystalline borium salt, ideal for deoxidation and cleaning metals like iron, copper, bronze, lead and zinc.

ADVANTAGES

- Dissolves metallic oxides offering clean surface for welding
- It is necessary for copper – pipe welding
- Acts as a corrosion inhibitor, protecting the sensitive welding points
- Cleans and degreases metallic surfaces
- Reassures excellent and long-lasting weld adhesion

APPLICATIONS

- Reinforces welding using copper or phosphorus rods on copper pipes, bronze pipes and other iron-like metals.
- Acts as a corrosion inhibitor against metal oxidation, reassuring long-lasting protection of the weld.
- When dissolved in water at about 4%, it provides a degreasing solution for metallic surfaces.

INSTRUCTIONS FOR USE

Welding

1. Immerse the welding rod in the BORAX container so as to ensure that the rod is covered with the appropriate quantity needed for welding.
2. Place the rod at the welding point and heat using a blow torch.

Degreasing - Cleaning

1. Dissolve 40 grams BORAX in 1 liter clean lukewarm water.
2. Use the solution for cleaning and degreasing the metallic surface.

It is advisable to perform a suitability test for each application.

CLEANING

Immediately after use with water

CONSUMPTION

It depends on the type and the condition of the metal. Usually 2 gr are enough for welding 10 cm in length.

TECHNICAL CHARACTERISTICS

Form: Thin-grained crystalline salt

Color: White

Specific gravity: 1,7 gr/ml

Boiling point: 62°C

pH saturated solution: 9,3

STORAGE

Products should be stored in a dry and cool place at a temperature of 5°C -35°C, away from sources of ignition. Protect from humidity and direct sunlight.

SHELF LIFE

24 months from the production date in the above mentioned storage conditions. The product should remain in the original unopened packaging bearing the manufacturer's batch number.

PACKAGING

125gr

PACKAGING	CODE	BARCODE
125gr	1869	5204094018698

HEALTH AND SAFETY INFORMATION



Repr. 1B: H360FD - May damage fertility. May damage the unborn child **P101:** If medical advice is needed, have product container or label at hand **P102:** Keep out of reach of children **P201:** Obtain special instructions before use **P202:** Do not handle until all safety precautions have been read and understood **P308+P313:** IF exposed or concerned: Get medical advice/attention **P405:** Store locked up **P501:** Dispose of contents and / or their container according to the separated collection system used in your municipality. Restricted to professional users.

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The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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