



# BE AWARE! SWITCH TO BORAX FREE LUBRICANTS



## BORAX, A SUBSTANCE UNDER SURVEILLANCE

Even though Borax has traditionally been used in two types of wire drawing products, surface coatings and sodium drawing lubricants, this substance has been controversial in the wire drawing industry for over 15 years. It has been identified several times by the European Union for the potential reprotoxic dangers it represents.



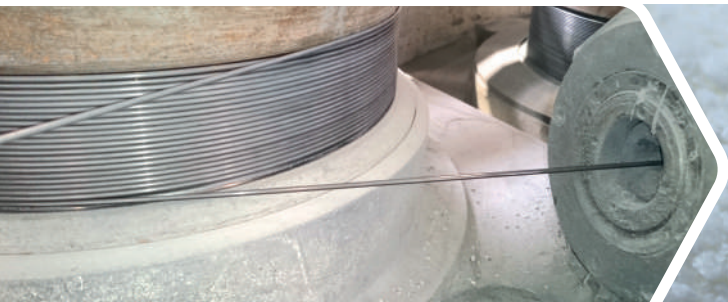
## TIME TO CHANGE NOW!

Further to the Delegated Regulation (EU) 2021/849 published in the Official Journal of the European Union on 28 May 2021, the regulation on BORAX Classification, Labelling and Packaging will change from **December 17, 2022**.

Meaning, the hazard statement «**H360FD: May damage fertility. May damage the unborn child.**» will therefore be added to the safety data sheet and the label of these products, accompanied by the «Exploding chest» hazard pictogram.



**Products containing  $\geq 0.3\%$  Borax or Boric Acid will be classified as Reprotoxic Category 1B in the European Union**





## HUGE CONSEQUENCES

In many countries of the European Union\*, the law therefore requires:

1. **Substitution of products** classified as Reprotoxic Cat. 1B by non-CMR products (Carcinogenic, Mutagenic, Reprotoxic)
2. Otherwise\*\*, **the confinement** of installations using Reprotoxic products.
3. Otherwise\*\*, the HSE (Health, Safety and Environment) department of the concerned site must put in place **collective/individual protective equipment** suitable for the handling of CMR products.



Other EU countries will have an **incentive to substitute** products classified as Reprotoxic Cat. 1B without binding measures or equivalent law. In all EU countries, the **disposal cost** of used borax containing soaps is likely to **increase** following their classification as reprotoxic.

Be aware that the REACH authorization procedure is still pending. If it is confirmed, all users of products containing Borax or Boric acid will be obliged to substitute these products, or there will be very restrictive use measures that will involve **factory investments** to control the risks as well as a fee of tens of thousands of euros. All countries within the EU will be affected.

BORAX FREE

## SWITCH TO BORAX-FREE LUBRICANTS

CONDAT is ready to help your transition to a **borax free workplace**. We have always proposed a complete range of wire drawing products that have proven their capability, even for the most demanding applications.

Our range of borax free surface coatings offers a higher roughness & deposit weight, plus increased resistance to humidity pick-up compared to traditional borax baths.

CONDAT's comprehensive range of borax free lubricants offers equivalent products, that in some cases, even demonstrate increased performance over traditional

borax containing products. With high to low fat content, and high to low softening points, there are borax free lubricants suitable for all types of applications, including yours! Our borax free range even extends to our high performance VICAFIL SUMAC products.

Choosing a borax free CONDAT product, means choosing a high performance, eco-designed alternative with at least 1 star in the CONDAT's Lubriscore® rating.



To help you find the best borax-free alternative for your process,  
**CONTACT YOUR CONDAT EXPERT**

\* For more information contact your country competent authority or your Condat sales representative.

\*\* With justification according to studies proving the impossibility of previous step to be included in the Single Risk Assessment Document

