



· C O O P E R S ·

## EXTERIOR CLEANING OF BARRELS PROTOCOL

Firstly, whenever transferring barrels, care must be taken to carry out the movement very carefully, avoiding staining the barrels. As we always request, the fundamental thing is to “Do not stain” the barrels.

In case of stains on the barrel, in order to clean it, the following recommendations must be taken into account:

1. Tighten the bung tightly and make sure it is securely closed.
2. It is very important that the operator who is going to carry out the task has the appropriate safety elements: Rubber gloves and goggles.
3. Use high-density sponges, intended only for cleaning barrels to avoid cross-contamination.

Once the recommendations have been applied, we will proceed to clean the barrels.

### **There are two alternatives to consider:**

#### Very stained barrels

---

- Pure 100 volume hydrogen peroxide is used for cleaning. It is placed in a special bucket for cleaning products.
- Soak the sponge and clean it around the bung and only in those areas that are stained.
- Let it dry for a few minutes and then rinse it with chlorine-free water.

#### Barrels with slight stains

---

- 100 volume hydrogen peroxide is used for cleaning, but in this case we will not use it pure.
- It is diluted to 10% of the final amount to be prepared. For example: in 20 liters of water, 2 liters of hydrogen peroxide are placed.
- Soak the sponge and clean it around the plug and in all those areas that are stained. Se puede tomar la alternativa de limpiar la barrica entera.
- Let it dry for a few minutes and then rinse it with water.