



Document title:

# Shelf Life Desiccant-Atlas Copco

Description:

Shelf life desiccants, storage conditions and how to find production date

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# 1 Shelf life Atlas Copco Desiccants

## 1.1 Ultidry Silica & Ultidry silica waterproof

The shelf life is given provided that the catalyst is not exposed to rough physical handling. Both carton boxes, drums and big bags should be stored in a dry location and protected against humidity and corrosive wet atmosphere in order to avoid the formation of rust and moisture pick-up.

The drums or big bags need to remain unopened (external seals intact). They need to remain stored off the ground and away from risk of water or exposure to excesses of heat / cold. Steel and fibre drums, 4 drums to a pallet, can be stacked up to 3 layers high with wooden pallets between each layer. Big bags can in no circumstances be stacked even with interlayer pallets.

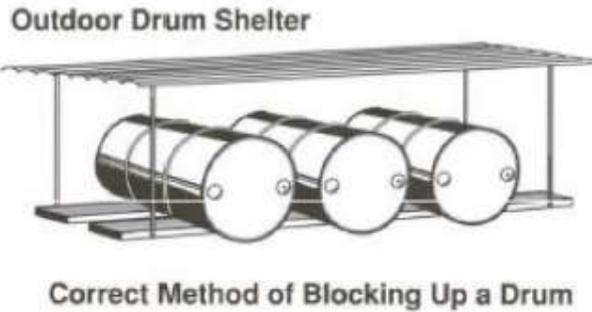


Figure 1: Desiccant drum storage

Storage in a closed and ventilated warehouse should be used whenever possible. Outdoors storage may also be used. Both drums and big bags should be isolated from the ground by the original pallets and should be kept under a cover that is opaque (such as a tarp or tent type set-up) and protected from direct sun and rain exposure. This is necessary not only to insure the catalyst shelf life but packaging integrity as well.

Below the shelf life for Ultidry Silica & Ultidry silica waterproof-

Packaging Type	Shelf life (In years)
Barrels, Big bags	5
Cartoon Boxes	3

Table 1: Shelf life Ultidry Silica & Ultidry silica waterproof

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**1.1.1 Production date on label**

The shelf life is determined from the date of production. Below is the label on your packaging to get the production date, from the date of production Ultidry Silica & Ultidry silica waterproof desiccant packed in Barrels & Big bags has shelf life of 5 years & with the carton boxes 3 years.

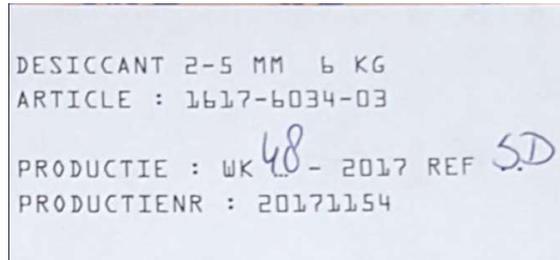
**Lot - No.: 0020752607**



**Order- No.: 3384384056**

**Production date.: 12.02.2021**

*Figure 2: Label on Barrels & Big Bags*



*Figure 3: Label on Cartoon boxes*

**1.2 Ultidry Molecular**

Ultidry molecular should be handled in a manner to avoid generation of dusty conditions at the workplace. When pouring into a container in the presence of flammable liquids, gases or dust, earth both containers electrically to prevent a static electric spark and the risk of explosion. Additional information can be found in our Material Safety Data Sheet (MSDS).

This product when stored in a cool and dry environment such as a warehouse has a shelf life of 48 months when packaged in Drums and 12 months when packaged in Big Bags (from the date of production). Big Bags should not be stored outside for prolonged periods of time, to avoid potential damage due to exposure to UV and rain/water. Extended exposure to UV light degrades the big bag material and this should be avoided. If outside storage is required, we recommend drum packaging. Open packages should be resealed to prevent contamination and adsorption of water or other gases and vapours.

Below the shelf life for Ultidry Molecular desiccant-

Packaging Type	Shelf life (In years)
Drums	4
Bags	1
Carton Boxes	3

*Table 2: Shelf life Ultidry Molecular*

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### 1.2.1 Production date on label

The shelf life is determined from the date of production. Below is the label on your packaging to get the production date, from the date of production Ultidry Molecular desiccant packed in Drums has shelf life of 4 years, bags have 1 year & carton boxes have 3 years.

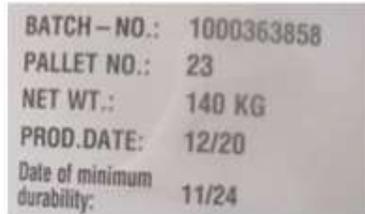


Figure 4: Production date on drums & bags



Figure 4: Production date on carton boxes

### 1.3 Ultidry Alumina

The shelf life is given provided that the catalyst is not exposed to rough physical handling. Both carton boxes, drums and big bags should be stored in a dry location and protected against humidity and corrosive wet atmosphere in order to avoid the formation of rust and moisture pick-up.

The drums or big bags need to remain unopened (external seals intact). They need to remain stored off the ground and away from risk of water or exposure to excesses of heat / cold. Steel and fibre drums, 4 drums to a pallet, can be stacked up to 3 layers high with wooden pallets between each layer. Big bags can in no circumstances be stacked even with interlayer pallets.

Storage in a closed and ventilated warehouse should be used whenever possible. Outdoors storage may also be used. Both drums and big bags should be isolated from the ground by the original pallets and should be kept under a cover that is opaque (such as a tarp or tent type set-up) and protected from direct sun and rain exposure. This is necessary not only to insure the catalyst shelf life but packaging integrity as well.

By use of the above recommendations, the shelf life of Ultidry Alumina is 3 years from production date.

### 1.3.1 Production date on label

The shelf life is determined from the date of production. Below is the label on your packaging to get the production date, from the date of production Ultidry Alumina desiccant has shelf life of 3 years.



Figure 5: Production date on label