

Technical Data Sheet

Last revised: 01-2019

MORDRY® Zirconium 12 WD

MORDRY® Zirconium 12 WD is a water-dispersible Zirconium salt of saturated branched mixture of acids.

Specifications:

Specific gravity @ 25°C	:	0.97 – 1.03 g/cm ³
Color (Gardner)	:	max. 3
Metal content	:	ca. 12.0%

Methods of analysis can be received upon request

Applications and usage:

MORDRY® Zirconium 12 WD is a secondary through drier for all water-reducible and oxidatively drying alkyd paints. **MORDRY® Zirconium 12 WD** will yield improved gloss and color and is usually added in combination with cobalt or manganese.

Contrary to conventional driers, **MORDRY® Zirconium 12 WD** provides a homogeneous distribution and therefore a quick drying and most of all good drying stability can be achieved.

MORDRY® Zirconium 12 WD is characterized by being APE-free and easily emulsifiable.

The normal use level range for **MORDRY® Zirconium 12 WD** is between **0.8%** and **3.0%** calculated on resin solids.

This dose can be considered as a guideline. The optimum combination and concentrations will depend on the total formulation characteristics. It is recommended to carefully diluting **MORDRY® Zirconium 12 WD** with de-ionized water (1 to 1) under good stirring before incorporation. Excellent results can be achieved when using **MORDRY® Manganese 6 WD** together with other water-dispersible metal driers such as **MORDRY® Cobalt 6 WD**, **MORDRY® Calcium 4 WD** and **MORDRY® Barium 10 WD**.

Safety and Handling:

MORDRY® Zirconium 12 WD should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

Storage:

MORDRY® Zirconium 12 WD should be stored at temperatures between 5 °C and 32 °C. Although **MORDRY® Zirconium 12 WD** will not freeze under ordinary conditions, best results can be insured if it is kept between the recommended temperatures prior to use. When kept in an original unopened container, it will keep up to 2 years from the date of manufacture. The production date is indicated on the container.

Packaging:

205 kg non-returnable metallic container.