

CoCl_2 COBALT CHLORIDE SOLUTION



HIGH PURITY AND RELIABILITY

Benefiting from a unique production process at Sibanye-Stillwater Sandouville Refinery, cobalt chloride solution is the ideal chemical intermediate for the manufacturing of inorganic cobalt salts, used in the production of ultra-fine cobalt powders, pigments and catalysts.

Sibanye-Stillwater Sandouville Refinery's cobalt chloride solution can also be used as a precursor in the production of cobalt carboxylates known as binders for tires or as driers for solvent paints.

CoCl₂ COBALT CHLORIDE SOLUTION

SPECIFICATIONS

| | Typical | Guaranteed |
|-------------------|-------------|--------------|
| CoCl ₂ | 166 g/l | 153-169 g/l |
| Nickel | < 0.13 g/l | < 0.2 g/l |
| Iron | < 0.03 g/l | < 0.1 g/l |
| Copper | < 0.03 g/l | < 1 g/l |
| Manganese | < 0.025 g/l | < 0.3 g/l |
| pH | 3.1 | > 1.9 |
| Density | 1.30 - 1.32 | Approx. 1.30 |

REGULATIONS

Sibanye-Stillwater Sandouville Refinery's cobalt chloride solution is produced and sold in accordance with the REACH European Regulation (EC N°1907/2006) and complies with the requirements of the European Union.

ADVANTAGES OF THE SOLUTION

Time and cost saving: using cobalt chloride as a solution vs. crystals enables end-users to save lengthy and costly dissolution and filtration equipment and procedures.

No losses and no risk: solution can be added directly into customers' production systems by the simple use of appropriate piping, eliminating spill contamination, generation and disposal of waste bags and risks due to the handling of the material.

PACKAGING

Truckloads

Cobalt chloride solution is sold in bulk by truckloads using tankers with an inner lining of ebonite.

- Useful volume: approx. 19 m³
- Net weight: approx. 25 MT of solution or approx. 3 MT of cobalt contained.



Bins

Cobalt chloride solution is also available in high-density polyethylene bins.

- Useful volume: 1 000 litres
 - Net weight: approx. 1 300 kg of solution or approx. 160 kg of cobalt contained
- Pallet dimensions: 1 000 mm x 1 200 mm
- Height: 1 155 mm



Contact and information: sales.sandouville@sibanyestillwater.com - www.sibanyestillwater.com