



Zirconium Oxychloride, 20% Solution

PRODUCT BULLETIN

CAS NUMBER: 7699-43-6

CHEMICAL FORMULA: Aqueous solution of $ZrOCl_2$

DESCRIPTION: Zirconium oxychloride is an acidic, water soluble compound of zirconium. It is a pale yellow to colorless solution.

APPLICATION:
C Treatment of titanium dioxide pigment to impart durability characteristics.
C Production of zirconium catalysts and chemicals.
C Cross linking agent.

CHEMICAL AND PHYSICAL PROPERTIES:

Percent by weight on product basis unless indicated otherwise.

	Typical
*ZrO ₂ , %	20.0
*Specific Gravity @ 20E	1.37
Fe, %	<0.003
Na, %	<0.01
Si, %	<0.0005
Ti, %	<0.0005
Al, %	<0.0005
pH	<1.0

*Standard Certificate of Analysis Properties

PACKAGING: 4,500 gallon rubber-lined steel tank trucks, bulk containers, and 55 gallon drums.

HANDLING & STORAGE:

Materials of Construction:

Storage tanks - Polyethylene, FRP, or rubber-lined steel

Pumps - FRP or Polyethylene

Piping - Sch 80 PVC, CPVC, or Teflon-lined steel

Storage temperature - Ambient, freezes @ 5EF

SAFETY: Use local exhaust ventilation to minimize vapor exposure below PEL/TLV exposure limits. Protect eyes and skin through the use of chemical goggles, face shield, rubber or neoprene gloves, long sleeve shirts, and pants. **Do not use this product until the**

MSDS has been read, understood, and required safety precautions are followed.

SHIPPING POINTS: West Point, Mississippi

DOT MARKINGS: Corrosive Liquid, Acidic, Inorganic, n.o.s. (Zirconium Oxychloride), 8, UN3264, PG II, RQ (Zirconium Oxychloride, 5000 lbs/2270 kg), Placarded Corrosive

SALES OFFICE

For Product Information:

TEL: 662-494-3055

FAX: 662-494-2828

Post Office Drawer 1217

West Point, MS 39773

To Place an Order:

TEL: 800-953-3585

FAX: 800-953-3588

IMPORTANT

The information on this Product Bulletin is believed to be accurate but is not warranted to be so. Protective equipment, health effects, and other related safety measures are based on intended and anticipated product use. Recipients are advised to confirm in advance of need that the information is applicable and suitable to their circumstances.