



VISHNU CHEMICALS

SODIUM DICHROMATE

PHYSICAL DATA SHEET



SODIUM DICHROMATE



USED IN:

- CHROMIUM PLATING CERAMIC
- GLAZES
- COLORED GLASS
- LABORATORY GLASS WARE

Physical Properties

Appearance	-----	Free flowing crystalline flakes
Chemical Formula	-----	CrO ₃
Molecular Weight	-----	99.99
Solubility	-----	1.7
Specific Gravity (at 20°C)	-----	1
Heat of Solution cal/gm	-----	62
Stability in Air	-----	Deliquescent

Analytical Data

Na ₂ Cr ₂ O ₇ ·2H ₂ O	-----	99.8%
As CrO ₃	-----	67.0%
Sulfate as So ₄	-----	0.15%
Chloride as Cl	-----	0.1%
Vanadium as V	-----	0.002%
Iron as Fe	-----	0.002%
Moisture	-----	11.00%

Usage

It is used as oxidizing agent for many Organic Synthesis and Bulk Drugs. It is used in Metal Finishing Industries, Anti-Corrosive Applications, Water Treatment Chemicals, Pigments, Paints, etc. It is also used in manufacture of other Chromium Chemicals.

Packaging

- 50 kg inner layer polyethylene, outer layer HDPE woven bags.
- 1000 kg Jumbo bags. Palletized and shrink wrapped.

Storage

Stored in dry place

Health & Safety Precautions

Avoid contact with skin, eyes and inhalation of dust. In case of contact wash with plenty of water and get medical attention immediately.