

# Sodium Dichromate Anhydrous

CAS No: 7789-12-0

## Product Character

Chemical Formula  $\text{Na}_2\text{Cr}_2\text{O}_7$  Molecular Weight 298.00

Bright orange monoclinic needle shaped or granular crystal, dehydrated to copper-brown substance at  $84.6^\circ\text{C}$ . Deliquesces readily in air, and easily soluble in water, forming an acidic orange solution.

A strong oxidizing agent in an acidic medium poisonous

## Application

Mainly used in the manufacture of chromium anhydride, yellow pigments and other chromate salts

Also used in leather tanning, textile, dyeing, electroplating, medicine, lipids, oil-well drilling and wood preservation etc.

## Packaging & Storage

In reinforced-type composite plastic woven bags, net weight for each: 25kg.

## Notice

1. Avoid moisture, heat and shock during storage and transportation. Keep away from combustibles.
2. Do not store with foodstuff or strong reducers.
3. Avoid contacting with eyes and skin.
4. Personal protective appliance should be equipped with, such as self-suction respirator, acid-proofing rubber gloves, security coat and boot, chemical-resistant protective glasses.
5. In case of leakage, reduce with 10% sulfuric acid and ferrous sulfate, and neutralize with calcium oxide immediately.

## Analytical Data

S No	Chemical Characteristics	Standard %
1	Main Substance ( $\text{Na}_2\text{Cr}_2\text{O}_7$ )	99.4
2	Main Substance in conversion $\text{CrO}_3$	75.8
3.	Sulphates in conversion to $\text{SO}_4$	0.1
4	Chlorides in conversion CL	0.2
5	Water insoluble residue	0.01
6	pH of water	3.7
7.	Main Substance Fe	0.001 Max