

# Technical Data Sheet

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## Sodium bichromate

### Product Identification

Product name : Sodium bichromate  
Chemical Formula :  $\text{Na}_2\text{Cr}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$   
CAS No. : 7789-12-0

### Physical and Chemical Properties

Property	Value / Description
Purity	99% min
Physical State	Crystal
Color	Orange to Red
Density	2.2 – 2.6 g/cm <sup>3</sup>
Melting Point	356.7 °C
Flash Point	400 °C
Solubility in Water	2355 g/ℓ
Electrical Properties	Insulating
Stability	Deliquescent, stable under normal conditions
Reactivity	Strong oxidizer, reacts exothermically with organic materials and reducing agents; corrosive and toxic

### Applications

Major material in chromium chemicals manufacturing, textile dyes, water treatment, leather tanning, catalysts, petroleum refining, metal treatment, insecticide and fungicide

### Packing

25kg net in sealed containers

### Shipping Regulations

UN No.3085

### Safety Information

May intensify fire; oxidizer. Toxic if swallowed. Toxic in contact with skin.  
Causes severe skin burns and eye damage. May cause an allergic skin reaction. Fatal if inhaled.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause genetic defects. May cause cancer. May damage fertility or the unborn child.

\*\*\*The information provided herein is for reference purposes only, and the user is responsible for determining the suitability of the product for their specific application.