

Technical Data Sheet

 **NAEWAI CORPORATION**

A-708, Hypex, 240 Pangyoyeok-ro, Bundang-gu,
Seongnam-si, Gyeonggi-do, Korea
Phone: 82-70-4010-9233
E-mail: info@naewai.com

Chromium nitrate

Product Identification

Product name : Chromium nitrate
Chemical Formula : $\text{Cr}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$
CAS No. : 7789-02-8

Physical and Chemical Properties

Property	Value / Description
Purity	$\text{Cr}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ 65% min
Physical State	Liquid
Color	Violet to black
Density	1.89 g/ml at 20 °C
Melting Point	54.8 °C
Boiling Point	100 °C
pH	2 - 3 (50 g/l in water at 20 °C)
Solubility in Water	Very soluble
Stability	Stable under normal conditions
Reactivity	Powerful oxidizer; may ignite organic materials; toxic

Applications

Catalyst manufacture, corrosion inhibitor, glass manufacturing, ceramic glaze,
textile printing mordant, dyeing fabrics

Packing

25kg net in sealed containers

Shipping Regulations

UN No.1477

Safety Information

Harmful if swallowed. Causes skin irritation. Causes serious eye damage.

May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.