

TECHNICAL DATA SHEET

Chromium Nitrate Solution 40%

Product Information

Formula:	Cr(NO ₃) ₃ .9H ₂ O
Physical Appearance:	Dark Blue/Green Solution
Molecular Weight:	238
CAS No:	12158-37-1
	13548-38-4
EC No:	601-791

Hazard Information

UN No:	UN3264
Proper Shipping Name:	Corrosive Liquid, Acidic, Inorganic, N.O.S
Hazard Class:	8
	Environmentally hazardous/marine pollutant
Packing Group:	III
REACH No:	01-2120137105-68-0000

Specification

Cr:	8.6 – 8.9%
NO₃:	30 – 31.5%
Na:	<100 ppm
Fe:	<30 ppm
Cu:	<25 ppm
Ni:	<50 ppm
pH @20 C:	<1
Specific gravity:	1.37 – 1.38
Hexavalent Cr:	Not Detected

Packing Options

20 ltr Drums –	25 kg
25 ltr Drums –	30 kg
220 ltr Drums –	280 kg
1,000 ltr IBC –	1,400 kg
Road Tankers –	26,000 kg

Shelf Life – 2 Years

In the original containers and stored as instructed on the MSDS