



PII CR 40 PLUS TDS

PII CR 40 PLUS LIQUID CHROMIC ACID is a high-purity product well suited for use in chromium plating and anodizing applications. It can also be used in the manufacture of chromate conversion compounds for zinc and cadmium, bright dips for copper, brass, aluminum, and magnesium, for producing certain types of pigments, as an oxidant in organic syntheses and as a catalyst in certain applications. The product is manufactured just outside of Chicago, IL. We take the best source of Chromic Acid and we add additional steps using a patent pending process to reduce impurities; producing the purest and highest quality material available today!

SPECIFICATIONS

	Specification	Typical
Chromic Acid (CrO ₃)	39.5% Min.	40%
Specific Gravity	1.365 - 1.377 at 20 C	1.371
Sulfate (SO ₄)	0.06% Max.	0.05%
Chloride (Cl)		0.002%
Insoluble Materials		0.002%
Sodium (Na)		0.02%

PROPERTIES

Color - Dark orange to red solution
Stability in Air - Stable
Bulk Density - 1371 g/l

SPECIAL INSTRUCTIONS

Product may act as a strong oxidizing agent. It should be stored away from organic/combustible materials.

PACKAGING

Liquid is packaged in 55 gallon drums and 300 gallon totes.

WASTE DISPOSAL

This material must be disposed of in accordance with all applicable federal, state, provincial, and local regulations and permits. Consult the SDS for additional regulatory information. The information contained herein is general in nature and may not apply to each application.

HEALTH AND SAFETY PRECAUTIONS:

Chromic acid is a hexavalent chromium compound and contact with it should be avoided. In case of contact, flush thoroughly with water. For eyes, give prolonged irrigation with water, and get medical attention immediately. Please consult our Safety Data Sheet (SDS) for detailed information and before using this product.