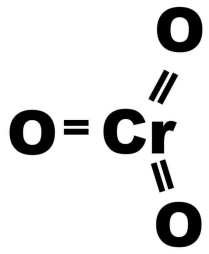
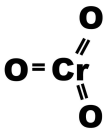
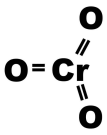
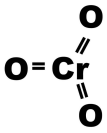
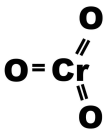
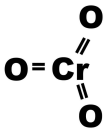
h1>Technical chromic anhydride [1333-82-0]



CAS number: **1333-82-0**
Summary formula: **CrO3**
Molar mass: **99.99 g / mol**
Synonyms: **chromium trioxide, chromic anhydride**
Translation [ENG]: **Chromium oxide**
Application: **Indirect production of other chromium substances, formulation of preparations used e.g. for metal finishing or as a catalyst, surface treatment with e.g. functional and decorative galvanization, passivation (corrosion resistance)**

## VARIATIONS

| Image | Price | Pack size |
|---|---|---|
|  | £8,55 gross \| £6,95 netto | 1 kg |

| Image | Price | Pack size |
| --- | --- | --- |
|  | £28,50 gross \| £23,17 netto | 5 kg |
|  | £55,10 gross \| £44,80 netto | 10 kg |
|  | £106,40 gross \| £86,50 netto | 20 kg |
|  | £256,50 gross \| £208,54 netto | 50 kg |

## PRODUCT DESCRIPTION

**Technical chromic anhydride [1333-82-0]**

Chromic anhydride is used in the production of other chromic substances, the formulation of

preparations used e.g. in metal finishing or as a catalyst, surface treatment with e.g. functional and decorative galvanization, passivation (corrosion resistance).
Physical state: solid
Color: red-brown
Odor: no smell
pH: 1 (10 g / l H2O, 20 ° C)
Melting point: 196 ° C
Boiling point: decomposition
Auto-ignition temperature: not applicable
Flash point: not applicable
Explosion limits: not applicable:
Vapor pressure: not applicable
Density: 2.7 g / cm3 (20 ° C)
Bulk weight: 1400 kg / m3
Solubility:
in water: 62.5% (20 ° C)
solubility in other solvents: dissolves in acetone and acetic acid.

**Hazard pictograms**

Labels for hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.
Priority rules to be observed in connection with the labeling of a substance:
- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosivity, the pictogram exclamation mark should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.
Source: GHS pictograms