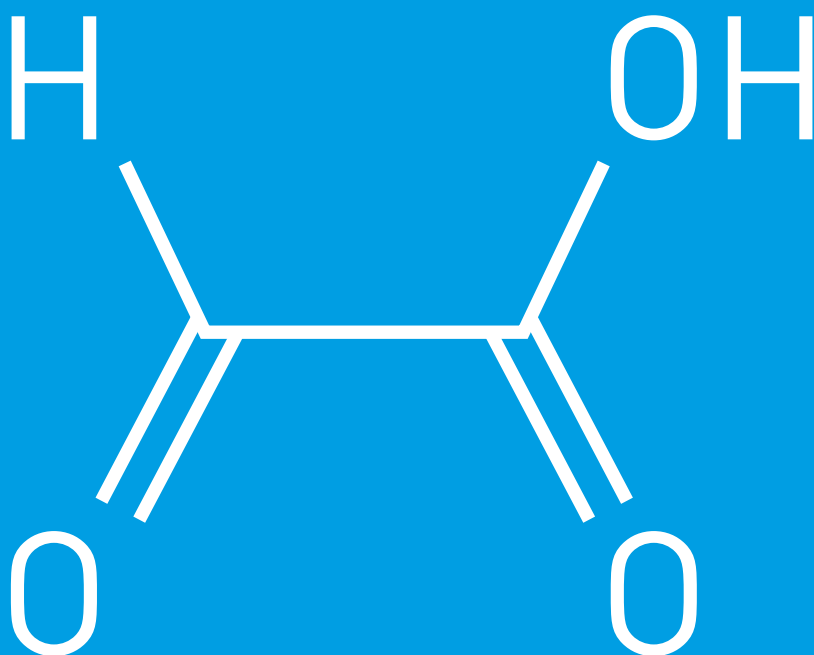


# GLYOXO HighPure 50

Your essential ingredient

Formula: C<sub>2</sub>H<sub>2</sub>O<sub>3</sub>  
CAS-No.: 298-12-4  
Molecular Weight: 74,04 g/mol



# GLYOXO HighPure 50

Your essential ingredient

**Highly Purified Glyoxylic Acid 50% for Hair-Care Formulations “Free-of-Glyoxal” grade compliant with cosmetics regulations**

## Advantages

Glyoxylic Acid is used in hair care formulations as an effective semi-permanent hair straightener, without the toxicity and severe consequences for human health of the formaldehyde usually used for this application.

Glyoxylic Acid reacts with the amino groups present in Keratin, resulting in a straightening effect without damaging the hair and irritating the skin, and allows the semi-permanent smooth look and feel to remain for a longer period of time.



## Technical Profile

- Brand name = Glyoxo HighPure 50
- Manufacturer = WeylChem Lamotte S.A.S
- Substance name = Glyoxylic Acid 50 % (aqueous solution)
- CAS-No. = 298 – 12 – 4
- EC-No. = 206 – 058 – 5
- Registration-No. = 01 – 2119487011 – 47 – 0000
- Country of Origin = France
- Standard Packaging = 35 and 250 Kg net drum/1200 Kg IBC
- Appearance = clear colorless liquid
- Relative density = 1.310 – 1.330
- Glyoxylic Acid assay = 49.5 % to 50.5 %
- Glyoxal content < 500 ppm
- Total acidity < 7.35 eq/kg
- Nitric Acid < 0.05 %
- Oxalic Acid < 0.2 %
- Color (APHA scale) < 50
- Chloride < 10 ppm
- Sodium < 50 ppm
- Iron < 5 ppm
- Heavy Metals < 10 ppm (individual elemental analysis available upon request)

**WeylChem Lamotte**  
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France

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06/19

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