



Material safety data sheet
According to EU Regulation 1907/2006 in the current version
Kojic Acid

1. Identification of the substance/mixture and company

Trade name:	Kojic Acid Active ingredient, safe skin lightening and brightening ingredient
INCI	Kojic acid
CAS No. :	501-30-4
EINECS No. :	207-922-4
REACH registration No. :	-
Utilization:	Raw material for cosmetic or professional use
Supplier company identification:	Elemental SRL , Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania Tel/Fax: +40259-436.755, www.elemental.eu
Emergency:	RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București. International emergency number: +49 180 2273-112

2. Hazards Identification

Not Available

3. Declaration of ingredients

3.1 Chemical name

5-Hydroxy-2-(hydroxymethyl)-4H-pyran-4-one

4. First aid measures

4.1 Description of necessary first-aid measures

Eye contact - rinse immediately with tap water for 10 minutes - open eyelids forcibly - Consult physician

Skin contact - remove immediately contaminated clothes, wash affected skin with water and soap - Consult physician

5. Fire fighting measures

5.1 Suitable extinguishing media

Water spray, carbon dioxide or appropriate foam

5.2 Special fire fighting procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

5.3 Unusual fire and explosions hazards

Hazardous polymerization will not occur

5.4 Additional information

Hygroscopic, sensitive to air



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6. Accidental release measures

Place in appropriate container.
Wash spill site with soap solution.
Flush spill area with copious amounts of water.

7. Handling and storage

See section 8.
Validity 24 months 25 °C, in the unopened original container, see "best use before" date stated on the label

8. Exposure controls / personal protection

8.1 Engineering Measures

Keep container tightly closed- shielded from light and keep cool and sealed.
Use only in well ventilated areas.

8.2 Personal protective equipment

Hand protection - protective gloves
Eye protection - Chemical safety goggles

9. Physical and chemical properties

9.1 Appearance

Color: white
Form: Powder
Odor: almost odorless
Density: N/A
Viscosity: N/A
Solubility: well soluble in water and alcohol
Melting temperature: 152-156°C
Flash point (liquid): N/A
Ignition point (liquid): N/A

10. Stability and reactivity

Data not available

11. Toxicological information

11.1 Toxicity Data

Acute oral: LD50 2571 mg/kg (Tested on Rat)

12. Ecological information

Data not yet available



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13. Disposal considerations

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Observe all federal, state and local environmental regulations.

14. Transport information

Not available

15. Regulatory information

15.1 Standards and regulations

EINECS NO. 2079224

16. Additional information

16.1 Abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.