

CHARACTERISTIC CARD

KOJIC ACID

Date of preparation: 2013-09-13

Date of revision: 2013-09-19

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND IDENTIFICATION ENTERPRISE

Name of the substance: KOJOWY ACID

Chemical formula: C₆H₆O₄

Synonyms: 5-hydroxy-2- (hydroxymethyl) -4H-pyran-4-one

Molar mass: 142.11 g / mol

CAS number: 501-30-4

EC number: 207-922-4

Application: cosmetic industry

DISTRIBUTOR:

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2. HAZARDS IDENTIFICATION

The product is not classified as dangerous.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name CAS number EC number Symbol (s) Identification (a) of the risk

KOJOWY KOJOWY 501-30-4 207-922-4 R:

4. FIRST AID

Instructions for action depending on the route of exposure

- Eye contact: Rinse eyes with plenty of water for about 15 minutes at wide eyelid. If it is necessary to call a doctor.

- Skin contact: Remove contaminated clothing, wash the skin with plenty of water soap. If the injuries are extensive, seek medical advice.

- Inhalation: Remove the victim from the place of exposure, ensure fresh access air. If difficulties in breathing persist, provide medical assistance.

- Ingestion: In case of accidental ingestion, do not induce vomiting. Provide medical assistance.

5. PROCEDURE IN CASE OF FIRE

Suitable extinguishing media: dry powder, foam

Unsuitable extinguishing media: water

Special hazards: dangerous fumes may be produced during a fire: carbon monoxide (CO), carbon dioxide (CO₂).

Other data: Flammable substance at high temperatures.

6. PROCEDURE IN CASE OF UNINTENTIONAL RELEASE

TO THE ENVIRONMENT

Environmental precautions: Flood the material with a large pool absorbent in order to prevent the substance from entering the sewage system, ground water and surface.

Methods for cleaning up: pump large amounts of liquid into suitable containers.

Forward to disposal or disposal. Eliminate if possible

leakage, by sealing or placing in an emergency container. contaminated rinse the surface with water.

7. CONDUCT WITH THE SUBSTANCE / PREPARATION AND ITS / HIS STORAGE

Handling: do not eat, drink or avoid contact with liquid during use,

Avoid inhaling the vapors, observe the principles of personal hygiene, wear clothing and protective equipment (as given in point 8), work in well-ventilated rooms, avoid operation on substance of open fire and high temperature.

Storage: store the substance in tightly closed containers, in dry containers roofed, well-ventilated rooms. Keep away from heat and strong sources oxidants.

The personal protective equipment used should meet the requirements of the Regulation of the Minister

Economy of December 21, 2005 (Journal of Laws No. 259, item 2173).

Control parameters (NDS, NDSCh, NDSP) - not determined.

- According to the MPiPS Regulation of November 29, 2002 Dz. U. No. 217, item 1833 with changes.

Personal protection:

Choose appropriate protective clothing for the workplace, depending on the concentration and quantity

substance. The resistance of protective clothing to chemicals should be determined by the right supplier.

respiratory protection: respiratory protection necessary

eye protection: necessary - goggles

hand protection: necessary - protective gloves

body protection: necessary - protective clothing

Protective and hygiene measures: Immediately change contaminated clothing. Apply cream barrier-protective for the skin. Wash hands and face after work with this substance.

- The employer is obliged to ensure that personal protective equipment is used and clothing and footwear have protective and functional properties and provide them with the appropriate ones

washing, maintenance, repair and disinfection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: liquid

White color

Odor: no smell

PH value: 4 (1% r-r)

Boiling point: decomposes

Melting point: 152.5 ° C

Flash point: none

Auto-ignition temperature: not available

Explosion limits: none

Solubility: in water - soluble

methanol, acetone - soluble

10. STABILITY AND REACTIVITY

Stability: stable under normal storage and use conditions.

Conditions to avoid: high temperature.

Materials to avoid: no data available

Hazardous decomposition products: carbon oxides (CO, CO₂).

11. TOXICOLOGICAL INFORMATION

The product should be handled with the care usual for chemicals.

12. ECOLOGICAL INFORMATION

Ecological problems should not be expected when handling and using the product with proper caution and attention.

13. CONDUCT WITH WASTE

Dispose of the product and packaging in accordance with local environmental regulations and

regulations.

Waste classification: suitable for the place of manufacture based on the criteria contained in the applicable regulations.

packaging:

15 01 02 - plastic packaging

The Act of 14.12.2012. on waste (Journal of Laws of 2013, No. 0, item 21).

The Act of 11.05.2001. on packaging and packaging waste (Journal of Laws No. 63, item 638 with subsequent amendments). Regulation of the Minister of the Environment of September 27, 2001,

on the waste catalog (Journal of Laws No. 112, item 1206).

14. TRANSPORT INFORMATION

a) UN number: is not subject to transport regulations.

b) Shipping name: not applicable.

c) Hazard number: not applicable.

d) RID / ADR class: not applicable.

(e) packing group: not applicable.

f) Stickers: not applicable.

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Act of 28.10.2002 on the road transport of dangerous goods (Journal of Laws No. 199,

Pos. 1671 consolidated text)

European agreement concerning the international carriage of dangerous goods by road ADR

Regulation of the Minister of Labor and Social Policy dated 14.03.2000 (Journal of Laws No.

26 item 313)

on health and safety at work on manual transport.

15. REGULATORY INFORMATION

Regulation (EC) of 18.12.2006 No. 1907/2006 of the European Parliament and of the Council regarding REACH.

Regulation of the Minister of Labor and Social Policy of 29 November 2002 on the highest allowable concentrations and intensities of agents harmful to health in the environment work (Journal of Laws No. 217, item 1833), as amended.

a) Warning symbols:

no marking is required.

b) Hazard Identification (R):

no marking is required.

c) Determinations regarding correct handling (S):

no marking is required.

16. OTHER INFORMATION

The user is responsible for taking all steps to meet the requirements of national law. The information contained in the above sheet is a description of the safety requirements for the use of the substance.

The user bears full responsibility for determining the suitability of the product for specific purposes. The data contained in this card does not constitute an assessment of the safety of the place user's work. The safety data sheet can not be considered as a guarantee of substance properties.

Other sources of information:

IUCLID Data Bank (European Commission - European Chemicals Bureau)

ESIS - European Chemical Substances Information System (European Chemicals Bureau)

Data included in point 9 are for information purposes only, are not a commercial offer within the meaning of the law (Article 71 of the Polish Civil Code) and do not replace the parameters included in the Quality Control Certificate.