

MATERIAL SAFETY DATA SHEET

Edible Inkjet ink Jetcare 8002 (Brown)

1. Product and company identification

Identification of the substance : KYH-B-8002
Product name : Edible inkjet ink
Brand : Jetcare

Base Substance of preparation

Chemical name	CAS No.	Weight %
Food Grade Colorant	proprietary	0.1-5
Polyethylene glycol	25322-68-3	0-5
sorbitol	50-70-4	5-25
glycerol	56-81-5	5-25
Potassium sorbate	24634-61-5	0.01-1
Water	7732-18-5	50-90

Application of product

For the production of pharmaceuticals and food.

Details of the provider for the Material safety data sheet

Name of manufacturer or supplier: Wuhan Keyihua S&T Co., Ltd.

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2. Hazards Identification

Based on the instruct of Regulation(EC) No 1272/2008 and the requirement of its reversion, the edible ink is not classified as dangerous goods.

Classification: /

Other hazards : None known.

Detailed information about the health effects and symptoms, please refer to section 10.

3. Emergency measures**Inhalation**

If your intake exceed the ADI (refer to section 7), please rinse the mouth with water. Do not induce vomiting unless directed by a medical professional.

Skin contact

If contacted, flush skin with plenty of water, so that could avoid polluting clothes and dyeing your skin.

Eye contact

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Affected individual should remove contact lens, if present. Because of the potential of hydrogen, there is a slightly irritation to the eyes. So flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.

4. Fire- fighting measures

Flammability of the product

Noncombustible.

5. Accidental release measures

Environmental precautions

Avoid dispersal or spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

Small spill: Absorb with an inert material and place in an appropriate contamination.

Large spill: Use appropriate containment to avoid environmental contamination. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Contaminated absorbent material may pose the same hazard as the spilled product. Use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal.

6. Handling and storage

Handling

Do not ingest so much directly. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container closed. Use only with adequate ventilation. Do not reuse container.

Storage

Keep container tightly closed. Store in a dry, cool and well-ventilated area. Store away from incompatible materials. Store in accordance with local regulations.

Check the product quality label for detailed storage conditions.

7. Exposure controls/personal protection

Allowable daily intake

Because of the food grade colorant, please be sure to this: the ADI of this ink is 0~0.125g/kg. That means if your weight is 50kg, your intake of this ink is 0~6.25g per day.

Hand protection

If the risk assessment results indicate that it is necessary, please always wear chemically resistant, impervious gloves that meet the standards when handling chemical products.

Eyes protection

If the risk assessment indicates that exposure to liquid splashes, mist, gas or dust must be avoided, wear safety glasses that meet the standards. If contact is possible, wear the following protective equipment unless the evaluation indicates a higher level of protection: Safety glasses with side shields.

The body protection

Personal protective equipment should be selected based on the task and the risks involved, and should be approved by professionals.

8. Physical and chemical properties**General information****Physical state**

Colored liquid

Boiling point

Lowest known value: 100°C (212°F) (Water). Weighted average: 120°C (248°F).

Provided are not to be considered as product specifications, details refer to product specifications.

9. Stability and reactivity**Stability**

The product is stable.

Materials to avoid

Reactive or incompatible with the oxidizing materials.

10. Toxicological information**Potential acute health effects****Inhalation**

No obvious known effects or critical hazards.

Skin Contact

Does not cause skin irritation and inflammation.

Eye contact

Because of the potential of hydrogen, there is a slightly irritation to the eyes.

Other information

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Other toxic effects on humans

Directly to drink more than ADI is harmful. Irritating slightly to skin and eyes. Keep away from heat. Direct large ingestion is prohibited. Do not enter your eyes. Avoid contact with skin and clothing. Keep the container tight and sealed before using the container. Rinse thoroughly after handling.

Mutagenicity / Teratogenicity / Reproductive toxicity

No obvious known effects or critical hazards.

11. Ecological information**Environment effects**

No obvious known effects or critical hazards.

12. Disposal considerations**Waste disposal**

Waste should be avoided or reduced as much as possible. Disposal of products, solutions and their by-products should be in accordance with environmental protection, waste disposal regulations and local regulations.

Residues and non-recycled products should be processed through a licensed waste disposal contractor.

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Waste should not be discharged into sewers without disposal, unless it is fully compliant with the requirements of the competent authority within all jurisdictions.

Hazardous waste

As far as the current we know, according to the definition of the EU Directive 2008/98/EC, this product is not regarded as hazardous waste.

13. Transport information**International transportation regulations**

Unrestricted.

14. Regulatory information**EU-REGULATIONS**

In accordance with the Regulation(EC) No 1272/2008, classification and labeling have been determined taking into account the intended product use.

Danger Term

None

Product application

For the production of pharmaceuticals and food.

European directory

All components are listed or exemptions.

15. Other information**Issue date**

December 12th. 2018

Last Issue date

November 29th. 2018

Notice to reader

By the best of our knowledge, the information contained herein is accurate. However, the above mentioned suppliers and any of their subsidiaries do not assume any responsibility for the accuracy or completeness of the information contained herein. The user is responsible for the final determination of whether all substances are suitable. All substances present an unknown hazard and should be used with extreme care. Although some hazards are described here, we cannot guarantee that there are no other hazards.

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