



Guangzhou Jiaokai Trading Co., Ltd.

According to UN GHS (the 8th revised edition)

Material Safety Data Sheet (MSDS)

| | |
|----------------------|----------------|
| Product Name: | king of ginger |
| Model No.: | / |

Written by: Linda
(Linda)

Inspected by: Jose
(Jose)



ISSUED BY: TUV-Laboratory (China) Service of Testing Co., Ltd.

Sept. 2021 PRINT

| | |
|-----------------------|---------------------|
| Item No.: | NM20FYP |
| MSDS No.: | E20.210.902.010.FYP |
| Initial Date: | Sept. 02, 2021 |
| Revision Date: | Sept. 02, 2021 |



Material Safety Data Sheet

Product Name: king of ginger

Initial Date: Sept. 02, 2021

Version: 1.0

MSDS No.: E20.210.902.010.FYP

Revision Date: Sept. 02, 2021

Item No.: NM20FYP

Section 1

Product and Company Identification

Product identification

| | |
|--------------------|------------------|
| Product Name: | king of ginger |
| Model No.: | / |
| Trade mark: | CLOTHES OF SKIN® |
| CAS No.: | Not applicable |
| EC No.: | Not applicable |
| Molecular formula: | Not applicable |

Relevant identified uses of the substance or mixture and uses advised against

| | |
|----------------------|-----------------------------------|
| Identified uses: | Nourish hair, hair root nutrition |
| Use advised against: | No special instructions |

Details of the applicant, supplier

| | |
|------------|--|
| Applicant: | Guangzhou Jiaokai Trading Co., Ltd. |
| Address: | 706, Zhihe Building, Dongkeng Erheng Road, Xintang Town, Zengcheng District, Guangzhou |
| Post code: | / |
| Telephone: | +86-18565013802 |
| Fax: | / |
| E-mail: | / |
| Supplier: | Guangzhou Beauty Praise Biological Technology Co., Ltd. |
| Address: | No. 88, Shuanghe Avenue, Changhong Village, Jiahe Street, Baiyun District, Guangzhou |

Emergency telephone number

| | |
|----------------------|-----------------|
| Emergency telephone: | +86-13926156826 |
|----------------------|-----------------|

Section 2

Hazard Description

Hazard class and label elements of the product according to GHS (the 8th revised edition):

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| | |
|-------------------------|-------------------------------------|
| GHS Hazard class | Non-hazardous substance or mixture. |
|-------------------------|-------------------------------------|

| | |
|---------------------------|------|
| GHS label elements | |
| Pictogram(s): | None |
| Signal word: | None |

| | |
|--------------------------|-----------------|
| Hazard statements | Not applicable. |
|--------------------------|-----------------|

| | |
|----------------------|-------|
| Other Hazards | None. |
|----------------------|-------|

| | |
|--|---|
| Hazard description | |
| ◆ Physical and chemical hazards | |
| | No combustion, no special combustion and explosion characteristics. |
| ◆ Health hazards | |
| Inhalation: | Respiratory discomfort, fatigue, sleepiness. |
| Ingestion: | Abdominal pain. |
| Skin contact: | Long term and repeated contact may cause dermatitis and redness. |
| Eye contact: | Redness, pain, tears. |
| ◆ Environmental hazards | |
| | Please refer to Section 12 of MSDS. |

Section 3 Composition/Ingredient Data

Material **Mixture**

| Component(s) | Content, % | CAS No. |
|--|------------|-----------|
| Water | 85.5 | 7732-18-5 |
| Fleece-flower root (POLYGONUM MULTIFLORUM) Extract | 8.0 | N/A |
| ANGELICA(GUI/ANGELICA sinensis-dan GUI SINENSIS) extract | 2.0 | 4431-01-0 |

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| Component(s) | Content, % | CAS No. |
|--------------------------------------|------------|------------|
| Ginger (ZINGIBER OFFICINALE EXTRACT) | 2.0 | 84696-15-1 |
| Niacinamide | 1.0 | 98-92-0 |
| Tocopherol(Vitamin E) | 1.0 | 1406-18-4 |
| Danshen (SALVIA SCLAREA) extract | 0.5 | N/A |

Section 4 First Aid Measures

Description of first aid measures

| | |
|-----------------|---|
| General advice: | Show this material safety data sheet to the doctor in attendance. After receiving the first-aid measure required, consult a physician if necessary. |
| Skin contact: | Remove contaminated clothing and shoes. Wash off with mild soap and plenty of water. If skin irritation occurs or persists, consult a physician immediately. |
| Eyes contact: | Check for and remove any contact lenses, occasionally lifting the upper and lower eyelids. Immediately flush eyes with running water, disappear until the chemical residues so far. Provide a readily-accessible eyewash facility and quick-drench safety shower. Do not rubbing eyes with hand. |
| Inhalation: | Move exposed person to fresh air. Maintain an open airway. Keep person warm and at rest. If breathing is irregular, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe. |
| Ingestion: | Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. |

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Most important acute and delayed symptoms/effects

| | |
|---|--|
| 1 | The most important known symptoms and effects are described in section 2 and/or in section 11. |
|---|--|

Immediate/special treatment

| | |
|---|---|
| 1 | Continue with first aid measures. Treat symptomatically and supportively. |
| 2 | Symptoms may be delayed. |

Section 5 Firefighting Measures

Extinguishing agent

| | |
|----------------------------------|---|
| Suitable extinguishing agents: | Use dry sand, dry chemical or CO ₂ foam extinguishing. Water spray can be used to cool fire exposed containers/materials. Use extinguishing media most appropriate for the surrounding fire. |
| Unsuitable extinguishing agents: | Do not use a solid water stream as it may scatter or spread fire. |

Special hazards arising from the substance or mixture

| | |
|---|--|
| 1 | If this product is involved in a fire, the following can be released: Carbon oxides and other toxic fumes. |
|---|--|

Fire precautions and measures

| | |
|---|--|
| 1 | Firefighters must wear self-contained breathing apparatus, wear full body fire suit, fire extinguishing in the upwind. |
| 2 | As far as possible will be transferred to empty containers from the scene. |
| 3 | Keep the fire water spray containers cooling, until the end of fire. |
| 4 | If the containers in the fire ground have been color, must be evacuated immediately. |
| 5 | Isolated accident scene, prohibit access. |
| 6 | Receiving and processing of fire, to prevent environmental pollution. |

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

| | |
|---|--|
| 1 | No action shall be taken involving any personal risk or without suitable training. |
|---|--|

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| | |
|---|---|
| 2 | Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. |
| 3 | Do not touch or walk through spilt material, avoid slipping. |
| 4 | Avoid breathing steam. |
| 5 | Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. |
| 6 | Put on appropriate personal protective equipment (see section 8). |

Environmental precautions

| | |
|---|---|
| 1 | Prevent further leakage or spillage if safe to do so. |
| 2 | Discharge into the environment must be avoided. |

Methods and materials for containment and cleaning up

| | |
|---|--|
| 1 | Small spill: Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material. Large spill: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth. |
| 2 | Contaminated absorbent material may pose the same hazard as the spilt product. |
| 3 | Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations. |

Section 7

Handling and Storage

Precautions for safe handling

| | |
|---|--|
| 1 | Take a suitable amount of the product according to the scope of the required to use drop on the scalp, massage with finger pulp 2-3 minutes absorbed, use 1-2 times a day. |
| 2 | Do not use in the wound site. |
| 3 | For external use only, cannot be ingested. |
| 4 | Put on appropriate personal protective equipment (see section 8). |
| 5 | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. |
| 6 | Workers should wash hands and face before eating, drinking and smoking. Avoid contact eyes. Avoid breathing steam. |

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| 7 | Provide suitable exhaust equipment. Operate in a well-ventilated place. |
| 8 | Normal measures for preventive fire protection. Keep away from heat/open flames/hot surfaces. |
| 9 | Observe good housekeeping procedures and hygiene practices. |
| 10 | Handling carefully to prevent damage the packaging and container. |
| 11 | Wash thoroughly after handling. |
| 12 | Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. |
| 13 | Equipped with corresponding varieties and number of fire equipment and spill contingency processing equipment. |

Precautions for storage

| | |
|---|---|
| 1 | Store in accordance with local regulations. Stored in a dry, cool and well-ventilated area. |
| 2 | Keep container tightly closed and sealed until ready for use. |
| 3 | Keep away from open flames and high temperatures, away from incompatible materials (see section 10), food and feet. |
| 4 | Equipped with corresponding varieties and number of fire equipment and spill contingency processing equipment. |
| 5 | Keep out of reach children and pets. |

Section 8

Exposure Controls/Personal Protection

Control parameters

◆ Occupational Exposure limit values

| Components CAS No. | Country/region | Occupational exposure limits (8h) | | Occupational exposure limits (Short time) | |
|------------------------|----------------|--------------------------------------|-------------------|--|-------------------|
| | | ppm | mg/m ³ | ppm | mg/m ³ |
| Niacinamide 98-92-0 | Latvian | - | 1 | - | - |

Engineering controls

| | |
|---|--|
| 1 | Ensure adequate ventilation, especially in confined areas. |
| 2 | Ensure that eyewash stations and safety showers are close to the workstation location. |


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Personal protection

| | |
|---------------------------|--|
| General requirements: |  |
| Respiratory protection: | <p>Normally not required if used as intended.</p> <p>If a large amount of product leakage or during the production process, if concentration is higher in the air, advices wear a self-priming filter type gas mask (half mask) during production.</p> |
| Eye protection: | <p>Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.</p> |
| Skin and body protection: | <p>Normally not required if used as intended.</p> <p>Wear suitable protective clothing and boots if a large amount of product leakage or during the production process.</p> |
| Hands protection: | <p>Normally not required if used as intended.</p> <p>Wear protective gloves if a large amount of product leakage or during the production process.</p> <p>Check protective gloves prior to each use for their proper condition.</p> <p>The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.</p> |

Section 9

Physical and Chemical Properties

Information on basic physical and chemical properties

| | |
|---|------------------------|
| Appearance and character: | Light brown liquid |
| Odor: | Mild |
| Melting point/freezing point (°C): | No data/Not applicable |
| Initial boiling point and boiling range (°C): | No data/Not applicable |
| Flash point (°C): | >93 |
| Evaporation rate: | No data/Not applicable |
| Steam pressure (20°C): | No data/Not applicable |

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|---|---|
| Relative density (water=1): | No data/Not applicable |
| Partition coefficient: n-octanol/water: | No data/Not applicable |
| Decomposition temperature (°C): | No data/Not applicable |
| pH value: | 6.5~7.0 |
| Auto ignition temperature (°C): | No data |
| Explosion limit [% (v/v)]: | Non explosives |
| Relative vapor density(air=1): | No data/Not applicable |
| Solubility: | Soluble in water |
| Flammability (solid, gas): | No data/Not applicable |
| Oxidizing properties: | The substance does not belong to oxidizing substances |

Section 10 Stability and Reactivity

Stability and Reactivity

| | |
|-----------------------------------|--|
| Stability: | The product is chemically stable. |
| Reactivity: | Stable under recommended storage and handling conditions. |
| Incompatible materials: | Strong oxidizing agents, strong acids and strong bases. |
| Conditions to avoid: | In contrast to the nature of the material, direct sunlight, high temperature and open fire |
| Hazardous decomposition products: | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

Section 11 Toxicological Information

Toxicological Information

| | |
|-----------------|---|
| Acute toxicity: | Based on the available scientific data, it is concluded that the product ingredients are safe for cosmetics and personal care products. |
|-----------------|---|

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|---|---|
| Skin corrosion/irritation: | Allergic persons to the substances contained, may be irritating to skin. Will not irritate to skin under normal conditions. |
| Eye corrosion/irritation: | Irritating effect possible. |
| Respiratory sensitization: | These products are not known to cause human respiratory sensitization. |
| Skin sensitization: | These products are not known to cause skin sensitization. |
| Germ cell mutagenicity: | According to the existing data, the product is not classified. |
| Carcinogenicity: | No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. |
| Reproductive toxicity: | According to the existing data, the product is not classified. |
| Specific target organ toxicity - single exposure: | According to the existing data, the product is not classified. |
| Specific target organ toxicity - repeated exposure: | According to the existing data, the product is not classified. |
| Aspiration hazard: | According to the existing data, the product is not classified. |
| Additional reproductive toxicity hazards: | According to the existing data, the product is not classified. |

Section 12 Ecological Information

Aquatic toxicity

| | |
|---------------------------------|--|
| Acute/Chronic aquatic toxicity: | This product contains no hazardous or toxic substances, and presents a negligible impact on the environment based on its reported use pattern. |
|---------------------------------|--|

Persistence and degradability

| | |
|--------------|--|
| Persistence: | The products are usually with natural biodegradable. |
|--------------|--|

Bioaccumulative potential

| | |
|------------------|---|
| Bioaccumulation: | The potential for bioaccumulation of this material in aquatic organisms is low. |
|------------------|---|

Mobility in soil

| | |
|-----------|---|
| Mobility: | Will penetrate into the soil, will be dissolved in the soil material. |
|-----------|---|

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Other adverse effects

| | |
|---|---|
| 1 | Under environmental conditions, is not expected to have a detrimental effect on plants, animals or microorganisms, but do not allow material to be released to the environment without proper governmental permits. |
|---|---|

Section 13 Disposal Considerations

Waste disposal

| | |
|--------------------------|---|
| Residual waste: | Before disposal should refer to the relevant national and local laws and regulation. The generation of waste should be avoided or minimized wherever possible. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system or transfer to a suitable container and arrange for collection by specialized disposal company if recycling is not feasible. |
| Contaminated packaging: | The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. |
| Disposal considerations: | Dispose of container and unused contents in accordance with national and local relevant regulations laws. |

Section 14 Transport Information

Transport rules

| | |
|--|--|
| | According to IATA DGR 62 nd Edition for transportation, IMO International Maritime Dangerous Goods Code (Amendment 39-18), European Agreement Concerning the International Carriage of Dangerous Goods by Road. The products are not subject to IATA DGR, IMDG and ADR/RID. |
|--|--|

Label(s) required

| | |
|-----------|------|
| Label(s): | None |
|-----------|------|

Road transport (UN-ADR)

| | |
|--------------------------|---------------|
| UN number: | Not regulated |
| UN proper shipping name: | Not regulated |

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|--------------------------------------|---------------|
| Transport hazard class(es)-Main: | Not regulated |
| Transport hazard class(es)-Sub risk: | None |
| Packaging group: | Not regulated |
| Special provisions: | None |
| Hazard code: | None |

Air transport (ICAO-IATA/DGR)

| | |
|---------------------------------------|---------------|
| UN number: | Not regulated |
| UN proper shipping name: | Not regulated |
| Transport hazard class(es)-Main: | Not regulated |
| Transport hazard class(es)-Sub risk: | None |
| Packaging group: | Not regulated |
| Special provisions for transportation | None |
| ERG code: | None |

Sea transport (IMDG-CODE)

| | |
|--|---------------|
| UN number: | Not regulated |
| UN proper shipping name: | Not regulated |
| Transport hazard class(es)-Main: | Not regulated |
| Transport hazard class(es)-Sub risk: | None |
| Packaging group: | Not regulated |
| Special provisions for transportation: | None |
| Marine pollutants (Yes/No): | No |
| EmS No.: | None |

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Section 15 Regulatory Information

Regulatory information:

Reference to the local, national, US, EU, CA and international regulations.

| CAS No. | TSCA | EINECS | DSL | IECSC | NZIoC | PICCS | KECI | AICS |
|------------|------|--------|-----|-------|-------|-------|------|------|
| 7732-18-5 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 4431-01-0 | ✓ | ✗ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 84696-15-1 | ✗ | ✓ | ✗ | ✓ | ✓ | ✓ | ✗ | ✓ |
| 98-92-0 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1406-18-4 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ |

| | |
|---------|---|
| TSCA: | United States Toxic Substances Control Act Inventory |
| EINECS: | European Inventory of Existing Commercial Chemical Substances |
| DSL: | Canadian Domestic Substances List |
| IECSC: | China Inventory of Existing Chemical Substances |
| PICCS: | Philippines Inventory of Chemicals and Chemical Substances |
| NZIoC: | New Zealand Inventory of Chemicals |
| KECI: | Existing and Evaluated Chemical Substances |
| AICS: | List of existing chemical substances in Australia |
| ★ Note: | “✓” Indicates that the substance included in the regulations “✗” That no data or included in the regulations |

Section 16 Other Information

Abbreviations or phrases

| | |
|--------|---|
| ACGIH: | American Conference of Governmental Industrial Hygienists |
| ADR: | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| CAS: | Chemical Abstracts Service |
| CLP: | Classification, labeling and packaging |

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| EC: | Council of Europe |
| ECHA: | European Chemicals Agency |
| EINECS: | European Inventory of Existing commercial Chemical Substances |
| GHS: | Globally Harmonized System of Classification and Labelling of Chemicals |
| IARC: | International Agency for Research on Cancer |
| IATA: | International Air Transport Association |
| RID: | Regulation for rail International transportation of Dangerous goods |
| ICAO: | International Civil Aviation Organization |
| IMDG: | International Maritime Dangerous Goods Code |
| IC ₅₀ : | Inhibitory Concern Triton 50% |
| LC ₅₀ : | Lethal Concentration 50% |
| LD ₅₀ : | Median Lethal Dose 50% |
| MAPROL: | International Convention for the Prevention of Pollution from Ships |
| REACH: | REGULATION concerning the Registration, Evaluation, Authorization and Restriction of Chemicals |
| STEL: | Short Term Exposure Limit |
| TWA: | Time Weighted Average |
| MAC: | Maximum Allowable Concentration |
| OSHA: | Occupational Safety and Health Administration |
| NIOSH: | National Institute for Occupational Safety and Health |
| TLV: | Threshold Limit Value |
| TLV-TWA: | Threshold Limit Value-Time Weighted Average |
| TLV- STEL: | Threshold Limit Value-Short term Exposure Limit |
| PC-TWA: | Permissible Concentration-Time Weighted Average |
| PC-STEL: | Permissible Concentration-Short Term Exposure Limit |
| PEL: | Permissible Exposure Limit |
| OELs: | Occupational Exposure Limits |

Reference

| | |
|---|---|
| 1 | IARC |
| 2 | OECD: The Global Portal to Information on Chemical Substances |

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|---|--|
| 3 | U.S. Department of Transportation: ERG |
| 4 | Germany GESTIS-database on hazard substance |
| 5 | CAMEO Chemicals |
| 6 | NLM: ChemIDplus |
| 7 | EPA: Integrated Risk Information System |
| 8 | IPCS: The International Chemical Safety Cards (ICSC) |

Disclaimer

| | |
|---|--|
| 1 | The above information is believed to be correct but we can not guarantee the absolute universality and accuracy and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. |
| 2 | TUV-Laboratory ensures the objectivity and fairness of the test and fulfills the confidentiality obligations of the applicant's information. The applicant is responsible for the authenticity of the submitted samples and information. The results shown in this report relate only to the samples tested. The test results only reflect the evaluation of the sample being tested and are not used for other purposes. TUV-Laboratory shall not be liable for any loss arising from or in connection with this report, contract, tort, regulation or other reasons. This report is invalid or has been copied in whole or in part if there is no approver signature and TUV-Laboratory testing special seal. This report may not be published as an advertisement without the approval of the TUV-Laboratory. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is illegal and the offender may be prosecuted to the fullest extent of the law. |

Product photo(s)



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