

MATERIAL SAFETY DATA SHEET

1 – PRODUCT IDENTIFICATION

Product Name: Magnolia Flower Oil

CAS: 92457-18-6

Supplier: Yunnan Summit Biotechnology Co., Ltd

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2– HAZARDS IDENTIFICATION

2.1 GHS Classification


Skin irritation(Category 2), H315

Germ cell mutagenicity (Category 2), H341

Carcinogenicity (Category 2),H351

Hazardous to the aquatic environment, long-term(Chronic 3), H412

2.2 GHS Label elements, including precautionary statements

Pictogram	
Signal word	Warning
Hazard statement	H315 Causes skin irritation. H341 Suspected of causing genetic defects. H351 Suspected of Causing cancer. H412 Harmful to aquatic life with long lasting effects.
Precautionary statement(s)	P264 Wash hands thoroughly after handling. P280 Wear protective gloves. P203 Obtain, read and follow all safety instructions before use. P273 Avoid release to the environment. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P317 If skin irritation or rash occurs: Get medical help. P321 Specific treatment. P362+P364 Take off contaminated clothing and wash it before reuse. P318 If exposed or concerned, get medical advice. P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.

2.3 Hazards not otherwise classified(HNOC) or not covered by GHS



No data available

3 – COMPOSITION

Component	CAS	Content(%)
Magnolia Flower Oil	92457-18-6	100%

4– FIRST AID MEASURES

4.1. Description of first aid measures

General information: In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Keep affected person warm, still and covered. Do not leave affected person unattended.

Following inhalation: Remove person to fresh air and keep comfortable for breathing.

Following skin contact: Take off contaminated clothing. In case of skin irritation, consult a physician. Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. In case of skin reactions, consult a physician.

Following eye contact: In case of eye irritation consult an ophthalmologist. Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing.

Protect unharmed eye.

Following ingestion: Never give anything by mouth to an unconscious person or a person with cramps.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Self-protection of the first aider:

First aider: Pay attention to self-protection!.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. 4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor: Treat symptomatically.

5– FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Carbondioxide, dry chemical, foam.

Unsuitable extinguishing media: Do not use a direct waterjet on burning material.

5.2. Special hazards arising from the substance or mixture Water may be ineffective.

5.3. Advice for firefighters

Standard procedure for chemical fires.

Additional information

Not available

6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Remove persons to safety. Provide adequate ventilation. Use appropriate respiratory protection.

6.2 Environmental precautions

Ensure that waste is collected and contained. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Avoid release to the environment. Cover drains. Ensure all waste water is collected and treated via a waste water treatment plant. Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. Contain leaks or spills within cabinets with removable trays.

6.3 Methods and materials for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal. Clean contaminated objects and areas thoroughly observing environmental regulations. Ventilate affected area. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Wipe up with absorbent material (eg. cloth, fleece).

Additional information: Not available

7 – HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid exposure - obtain special instructions before use.

PROTECTIVE MEASURES:

Avoid contact with skin, eyes and clothes. Wear personal protective clothing (see section 8). Sewers and ducts must be protected against the entry of the product. Do not put any product-impregnated cleaning rags into your trouser pockets. Only allow access to authorised staff. Provide for retaining containers, eg. floor pan without outflow. Use only in well-ventilated areas. If local exhaust ventilation is not possible or not enough, the entire work area must be ventilated by technical means. Provide adequate ventilation as well as local exhaustion at critical locations. Vapours/aerosols should be exhausted directly at the point of origin. Avoid breathing gas/fumes/vapour/spray. Advices on general occupational hygiene: Wash hands before breaks and after work. Wash contaminated clothing before reuse. Street clothing should be stored separately from work clothing. Remove contaminated, saturated clothing immediately. Work in well ventilated zones or use proper respiratory protection.

In the immediate working surroundings there must be: Provide eye shower and label its location conspicuously.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place. Keep container in upright position in order to prevent leakage.

Requirements for storage rooms and vessels: Store locked up. Use isolated drainage to prevent discharge to soil. Ensure adequate ventilation of the storage area.

Advice on joint storage: Keep away from food, drink and animal feedingstuffs.

7.3. Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 -PERSONAL PROTECTION

Engineering Controls: Where appropriate, use closed systems to transfer and process this material.

If appropriate, isolate mixing rooms and other areas where this material is used or openly handled.

Maintain these areas under negative air pressure relative to the rest of the plant.



Personal Protection: Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill: Use tight-fitting goggles, face shield or safety glasses with side shields if eye contact might occur. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. Exposure Limits: Not available.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow to amber transparent liquid

Odour: Characteristic fragrance.

Specific gravity: 0.870~0.910 (20 °C).

Refractive index: 1.4600~1.490 (20 °C).

Optical rotation: -15°~ -2.0°.

Flash point(Closed Cup): 75 °C

10 - STABILITY AND REACTIVITY

Reactivity: No hazards to be specially mentioned.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Hazardous Reactions.

Note: Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

Conditions to avoid: Direct sources of heat.

Incompatible materials: Avoid contact with strong acids, alkali or oxidizing agents.

Hazardous decomposition products: Carbon monoxide and unidentified organic compounds may be formed during combustion.

Additional information: Not available

11 – TOXICOLOGICAL INFORMATION

Acute toxicity: LD50: No data available

LC50: No data available

Ecotoxicity: Not available.

BOD5 and COD: Not available.

12 - ECOLOGICAL INFORMATION

No data available

13 - DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product/Packaging disposal: Waste codes/waste designations according to EWC/AVV: The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.



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Waste treatment options: Appropriate disposal/Product: Waste requiring special supervision.

Dispose of waste according to applicable legislation. Delivery to an approved waste disposal company.

Appropriate disposal/Package: Non-contaminated packages must be recycled or disposed of.

Contaminated packing must be completely emptied and can be reused after proper cleaning. Packing which cannot be properly cleaned must be disposed of.

Handle contaminated packages in the same way as the substance itself. Dispose of waste according to applicable legislation.

Remark: For recycling, contact manufacturer. Collect the waste separately. Consult the appropriate authorities about waste disposal. Do not mix with other wastes. The waste is to be kept separate from other types of waste until its disposal. Concerning the waste it has to be checked, whether a transport authorisation is required.

Additional information: Not available

14 – TRANSPORTATION INFORMATION

UN-No: /

Proper Shipping Name: Not dangerous goods

Hazard Class: /

Packing group: /

Environmental Hazards: Not dangerous goods

15 – REGULATORY INFORMATION

Whether the product is listed in "China Inventory of Existing Chemical Substances" (2015 Edition): Not included

16 - OTHER INFORMATION

Updated date: 2025-08-31

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