

Formononetin 98%

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SECTION 1. IDENTIFICATION

Product Name: Formononetin 98%
INCI Name: *Trifolium Pratense L.*
CAS#: 485-72-3
Recommended Use: Topical Cosmetic Use
Supplier: **Bulk Naturals Wholesale LLC.**
212 N Jefferson Unit 12A Ava, Mo 65608, USA
Telephone No. (24hrs): 1-573-465-0612
Emergency Telephone # : **1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)**

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification: Specific target organ toxicity (single exposure) Category 3
GHS Label Elements: Target Organs - Respiratory system.



Signal: Warning

Hazard statement(s):
H335 May cause respiratory irritation.

Precautionary statements:
P261 Avoid breathing dust.
P271 Use only outdoors or in a well-ventilated area.
P304+P340 IF INHALED: Remove the victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTRE/doctor if you feel unwell.
P403+P233 Store in a well-ventilated place. Keep the container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container to an approved waste disposal plant

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
Trifolium Pratense L.(Formononetin 98%)	485-72-3	207-623-9	98.0%

SECTION 4. FIRST AID MEASURES

Eye: Immediately flush your eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made and we assume no liability regarding this formula or information contained herein. In every case we urge and recommend that our customers make their own tests to determine to their own satisfaction whether the product is suitable for their particular purposes under their own operating conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without the authority from the owner of this patent

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Skin contact:	Remove contaminated clothing. Wash the area with soap and water. If irritation occurs, get medical attention.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
Ingestion:	Clean mouth with water and drink afterward plenty of water. Get medical attention if symptoms occur.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Water spray. Carbon dioxide (CO ₂). Dry chemical. Chemical foam
Precautions for fire-fighters:	Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
Special hazards arising from the substance:	Hazardous decomposition products may be formed at extreme heat or if burned.
Resulting gases:	Carbon monoxide (CO). Carbon dioxide (CO ₂).

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Equip a clean crew with proper protection. Respiratory protection equipment may be necessary.
Environmental precautions:	Prevent entry to sewers and public waters. Notify authorities if the product enters sewers or public waters.
Methods for cleaning up:	Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:	Store away from incompatible materials (see Section 10). Store locked up. Keep only in the original container. Keep the container tightly closed, in a cool, well-ventilated place. Keep containers upright. Protect containers from damage.
Recommended Storage Conditions:	Provide local exhaust or general room ventilation to minimize dust and/or vapor concentrations. Keep container closed when not in use.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes:	Use tightly sealed goggles.
Skin:	If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

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Respiratory:	In case of insufficient ventilation, wear suitable respiratory equipment.
Ingestion:	Not for ingestion.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White fine powder.
Odor:	Not available.
Melting Point/Range:	256 - 260 °C / 492.8 - 500 °F
Molecular Weight:	268.27
Solubility:	Insoluble in water.

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:	Chemically stable.
Possibility of hazardous reactions:	No potentially hazardous reactions known.
Conditions to avoid:	Avoid exposure to high temperatures or direct sunlight.
Incompatible materials:	Avoid contact with strong oxidizing agents.
Hazardous decomposition products:	Not available.

SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation:	Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness
Skin contact:	Adverse skin effects should be prevented by normal care and personal hygiene.
Eye contact:	Possible irritation should be prevented by wearing safety glasses.
Ingestion:	Low-order toxicity causes irritation of the stomach and intestines which results in nausea and vomiting.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not available.
Persistence and degradability:	Not available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.
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Safety Data Sheet

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SECTION 14. TRANSPORT INFORMATION

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as Non-Regulated Material.

SECTION 15. REGULATORY INFORMATION

This product does not need to be labeled in accordance with EC Directives or respective national laws.

SECTION 16. OTHER INFORMATION

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