



Section 1 – Company Information

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EMERGENCY RESPONSE NUMBER:
CHEMTEL - Parchem CCN# M1S0007152
Toll Free US & Canada: (800)255-3924
All other Origins: (813) 248-0585
Collect Calls Accepted

Section 2 – Product Identification/ Information on Ingredients

PRODUCT NAME 5-Methyl-7-methoxyisoflavone
CAS NUMBER 82517-12-2
SYNONYM None
FORMULA $C_{17}H_{14}O_3$

PRODUCT	CAS NUMBER	% BY WEIGHT
5-Methyl-7-methoxyisoflavone	82517-12-2	100%

Section 3 – Hazards Identification

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation. May be harmful if absorbed through the skin. Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation: May cause respiratory tract irritation. May be harmful if inhaled.

Section 4 – First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately.

Note to Physician: Treat symptomatically and supportively.

Section 5 – Fire Fighting Measures

General Information

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.



Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 – Accidental Release Measures

General Information

Use proper personal protective equipment as indicated in Section 8.

Spill/Leaks:

Vacuum or sweep up material and place into a suitable disposal container.

Section 7 – Handling & Storage

Handling:

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage:

Store in a cool, dry place. Store in a tightly closed container.

Section 8 – Exposure Controls & Personal Protection

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 – Physical & Chemical Properties

Physical State: Crystalline powder

Color: white

Odor: Not available

pH: Not available

Vapor Pressure: Not available

Viscosity: Not available

Boiling Point: Not available

Freezing/Melting Point: 116 - 120 deg C

Autoignition Temperature: Not available

Flash Point: Not available

Explosion Limits: Lower: Not available

Explosion Limits: Upper: Not available



Decomposition Temperature: Not available
Solubility in water: Not available
Molecular Formula: C₁₇H₁₄O₃
Molecular Weight: 266.3

Section 10 – Stability & Reactivity Data

Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Incompatible materials.
Incompatibilities with Other Materials Strong oxidizing agents, acids, acid chlorides, carbon dioxide, acid anhydrides.
Hazardous Decomposition Products Carbon monoxide, carbon dioxide.
Hazardous Polymerization Has not been reported.

Section 11 – Toxicological Information

RTECS#: CAS# 82517-12-2 unlisted.
LD50/LC50: Not available.
Carcinogenicity: 5-Methyl-7-methoxyisoflavone - Not listed by ACGIH, IARC, or NTP.

Section 12 – Ecological Information

Not Information Available

Section 13 – Disposal Consideration

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 – Transportation Data

IATA
Not regulated as a hazardous material.
IMO
Not regulated as a hazardous material.
RID/ADR
Not regulated as a hazardous material.

Section 15 – Regulatory Information

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: Not available.



Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 82517-12-2: No information available.

Canada

None of the chemicals in this product are listed on the DSL/NDSL list.

CAS# 82517-12-2 is not listed on Canada's Ingredient Disclosure List.

US FEDERAL

TSCA

CAS# 82517-12-2 is not listed on the TSCA inventory.

It is for research and development use only.

Section 16 – Other Information

Disclaimer

The above information is believed to be correct but does not purport to be all inclusive 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.