

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Thymol Crystals
Product code	AI-THYCR
CAS #	89-83-8
Product use	Domestic and Industrial
Supplier	WFMed
Address	8245 Backlick Rd Unit D, Lorton VA 22079 USA
Telephone number	888-WFMED-97 (888-936-3397)
Emergency phone number	888-WFMED-97 (888-936-3397)

2. HAZARD(S) IDENTIFICATION

GHS Hazard Classification

Acute toxicity, oral - Category 4 - H302
Skin corrosion/irritation - Category 1A - H314
Serious eye damage/eye irritation - Category 1 - H318
Hazardous to the aquatic environment, acute hazard - Category 2 - H401
Hazardous to the aquatic environment, long-term hazard - Category 2 - H411

GHS Label Elements

Pictogram
Signal Word



Danger

Hazard Statements

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements - Prevention

P260	Do not breathe dust/fumes/gas/mist/vapours/spray.
P264	Wash face, hands and any exposed skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

P301+P312+P330+P331	If swallowed: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
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P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304+P340	If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

Precautionary Statements - Storage

P405 Store locked up.

Precautionary Statements - Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

Hazards Not Otherwise Classified (HNOC)

No data available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Formula	C10H14O	
<u>Product Name</u>	<u>CAS NO</u>	<u>Concentration</u>
Thymol	89-83-8	99 - 100%

4. FIRST-AID MEASURES

Description of first aid measures

Eye Contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Remove contact lenses, if present and easy to do so. Continue rinsing. Consult a physician. Immediately call a POISON CENTER or doctor/physician.

Skin Contact

Remove contaminated clothing. Wash with soap and plenty of water. Consult physician if irritation occurs.

Inhalation

Remove from exposure and move to fresh air. If not breathing, give artificial respiration. Consult physician if irritation occurs.

Ingestion

Do NOT induce vomiting. Consult a physician or POISON CENTER if irritation or symptoms occur.

Most important symptoms and effects, both acute and delayed

No data available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards arising from the chemical

Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

Special protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Further information

No data available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required. Keep people away from and upwind of spill/leak. Remove all sources of ignition. Take precautionary measures against static discharges. Evacuate personnel to safe areas.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and materials for containment and cleaning up

Methods for containment

Contain and collect spillage with non-combustible absorbent material (sand, earth, diatomaceous earth), and place in container for disposal according to local/national regulations.

Methods for cleaning up

Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable containers for disposal. Take precautionary measures against static discharges.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear personal protective equipment. Use only in area provided with appropriate exhaust ventilation. Do not breathe vapours or spray mist. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

Conditions for safe storage, including any incompatibilities

Storage conditions

Keep in a dry, cool and well-ventilated place. Keep out of reach of children. Avoid direct sunlight and sources of heat or ignition. Opened containers should be carefully resealed and kept upright to prevent leakage. Keep in properly labeled containers.

Incompatible materials

No data available.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

Contains no substances with occupational exposure limit values.

Exposure controls

Engineering controls

Showers. Eyewash stations. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/Face protection: Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin/Body protection: Avoid contact with skin. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes, or clothing. Regular cleaning of equipment, work area, and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid
Appearance	Colorless, white or pale yellow crystals
Odor	Powerful, sweet-medicinal, herbaceous thyme odor
Boiling point	233 °C
Flash point	93 °C (199 °F)
Solubility	Insoluble

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possible hazardous reactions

None under normal processing.

Conditions to avoid

Avoid direct sunlight, sparks, flame, and excessive heat.

Incompatible materials

Strong oxidizing agents, strong reducing agents.

Hazardous decomposition

Carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Aspiration hazard

No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

Dispose of product in accordance with local regulations.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

HTS #

2907.19.4000

US DOT (Land)

UN/ID #	1759
Proper Shipping Name	Corrosive solid
Hazard Class	8
Packing Group	III

IMDG/IMO (Sea)

UN/ID #	1759
Proper Shipping Name	Corrosive solid
Hazard Class	8
Packing Group	III

IATA/ICAO (Air)

UN/ID #	1759
Proper Shipping Name	Corrosive solid
Hazard Class	8
Packing Group	III

15. REGULATORY INFORMATION

16. OTHER INFORMATION

Creation date: 4/17/2017

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