

SAFETY DATA SHEET: THYMOVAR®

1. IDENTIFICATION

Product Name: THYMOVAR®
Other Names: None
Recommended Use: Insecticide
Distributor: Key Industries Ltd
Address: P.O. Box 65070, Mairangi Bay, Auckland 0754
Telephone: 09 917 1791
Emergency Phone: 027 4941659
International Company Name & Contact Details: Andermatt BioVet GmbH
Weiler Strasse 19-21
D-79540 Lörrach
Phone: +49 7621 919 29 40

National Poisons Centre: 0800 764 766

2. HAZARDS IDENTIFICATION

Hazard Classification: N/A
Hazards: Harmful if swallowed or absorbed through skin.
May cause moderate irritation

3. COMPOSITION: INFORMATION ON INGREDIENTS

CAS number	Component name	EINECS#	CONCERTRATION
89-83-8	Thymol	201-944-8	15g per wafer

4. FIRST AID MEASURES

Consult the National Poisons Information Centre 0800 POISON (0800 764 766) or a doctor in every case of suspected chemical poisoning.

AFTER INHALATION: Remove victim to fresh air, If not breathing, give CPR, Call a poison control centre or doctor for treatment advice

AFTER INGESTION: Drink 1 or 2 glasses of water and induce vomiting or if available by administering syrup of ipecac. If person is unconscious do not give anything by mouth and do not induct vomiting.

EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice if irritation persists

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

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5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Co2, extinguishing powder or water spray, Fight larger fires with water spray or alcohol resistant foam. Use fire fighting measures that suit the environment (hazardous for water).

PROTECTIVE EQUIPMENT: No special measures required.

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: Wear protective gloves (rubber or plastic).

Methods for cleaning: Use neutralizing agent. Dispose of contaminated material. Ensure adequate ventilation.

7. HANDLING AND STORAGE

HANDLING: Take prudent precautions to avoid contact with eyes and skin. Do not contaminate water, food or feedstuffs, by storage, handling, or by disposal. Remove contaminated clothing and wash clothing before use.

STORAGE: Store in the packaging material (sealed bags below 30 °C.
No incompatible materials known, no specific design for storage rooms needed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Exposure guideline:

Workplace exposure standards: Not Established

Exposure Standards outside the workplace: Not Established

Engineering Controls: Not required

Eye Protection: Not required

Hygiene Controls

Facilities storing or utilizing this material should be equipped with an eyewash facility, safety shower and facility for washing hands/face after work.

Personal Protective Equipment

Skin/Body Protection

DO NOT SMOKE, EAT, DRINK OR APPLY COSMETICS IN WORK AREA! Always wear gloves, Wash at the end of each work shift and before eating, smoking and using the toilet

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9. PHYSICAL AND CHEMICAL PROPERTIES

Thymovar contains 15 grams Thymol

Appearance and odour: Yellow wafers with aromatic odour

Physical State: Solid

Thymol

Appearance and odour: Colorless, characteristic odour

Physical State: Solid with crystals

BOILINGPOINT: 233°C

MELTING POINT: 51.5°C

FLAMMABILITY: Not Available

FLASH POINT: 100°C

VAPOR PRESSURE: 0.04mmHg (at 20°C); 1mm Hg (at 64°C)

DENSITY: 0.9699 g/ cm³ (at 20°C)

SOLUBILITY IN WATER: 1 g/l at 20°C

OXTANOL/WATER PARTITION: Log POW=3.30

10. STABILITY AND REACTIVITY

STABILITY: Stable

STABILITY CONDITIONS: Below 25°C

CONDITIONS TO AVOID: Heat, flames, ignition sources

MATERIALS TO AVOID: No dangerous reactions known

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and carbon monoxide may form when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Each Thymovar wafer contains 15 grams of Thymol, acute toxicity of pure Thymol.

Thymol:

LD 50 Rat Oral: 980mg/kg

LD 50 Mouse Oral: 1800mg/kg

LD 50 Guinea Pigs Oral: 800mg/kg

LD 50 Mouse Intravenous: 100mg/kg

LD 50 Mouse Subcutaneous: 243 mg/kg

Effects of Acute Overexposure to Product:

Inhalations: Caustic effect

Eye Contact: Strong Caustic effect

Skin Contact: Caustic effect on skin and mucous membranes

Ingestion: Danger of perforations of oesophagus and stomach

Sensitisation to Product: In a patch test ¼ of persons reacted positive.

Effects of Chronic Overexposure to Product:

Thymol is not classified as mutagen, carcinogen or reproductive (CMRT) by the EC

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12. ECOLOGICAL INFORMATION

THYMOVAR:	No hazards known	
Thymol:		
TRIAL	TIME	VALUE
Ec 50 Daphina magna	96h	1,7-3,2mg/l
LC50 Pimephales promelas	96 h	3.2-4.2mg/l
Water	Hazardous for water	

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Commercial

IF EMPTY: Unused Thymovar and wastes resulting from the use of this product may be disposed of in a sanitary landfill or by incinerations.

Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

Never place unused product down any indoor or outdoor drain.

14. TRANSPORT INFORMATION

No special precautions needed.

15. REGULATORY INFORMATION

Thymol:

Hazard description:

C Corrosive

N Dangerous for the environment

Information pertaining to particular dangers for human and environment

R 22 harmful if swallowed

R34 Causes burns

R51/53 toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

16. OTHER INFORMATION

Reasons for Issue:

Update format and content to comply with legislation.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the suppliers knowledge. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Key Industries Limited.