

SAFETY DATA SHEET



THYMOX MULTI SURFACE

ACTICHEM PTYLTD

Catalogue number: AP605

Version No: 1.0

Issue date: 12/05/2023

Safety Data Sheet according to WHS and ADG requirements.

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	THYMOX MULTI SURFACE
Product code	AP605
Pack sizes	750ml, 5L, 20L, 200L

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Hard Surface Disinfectant, Fungicide, Bactericide and Virucide
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Details of the manufacturer/importer

Registered company name	ACTICHEM PTY LTD
Address	11 Gamma Close, Beresfield 2322 NSW Australia
Telephone	(02) 4966 5516
Website	www.actichem.com.au
Email	info@actichem.com.au

Emergency telephone number

Association / Organisation	Poisons Information Centre
Emergency telephone numbers	13 1126
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

NON-HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

Poisons Schedule	Not Applicable
GHS Classification	Not classified
	<i>Classification drawn from HCIS and ECHA C&L Inventory</i>

Label elements

Hazard pictograms	Not applicable
SIGNAL WORD	Not applicable

Hazard statement(s)

Not applicable

Precautionary statement(s) Prevention

Not applicable

Precautionary statement(s) Response

Not applicable

Precautionary statement(s) Storage

Not applicable

Precautionary statement(s) Disposal

Not applicable

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**Substances**

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
89-83-8	0.23	<u>thymol</u>

SECTION 4 FIRST AID MEASURES**Description of first aid measures**

Eye Contact	No particular requirements. In case of contact with eyes, flush thoroughly with water; seek medical attention if necessary.
Skin Contact	Take off all contaminated clothing immediately. Flush skin with running water (and soap if available). Seek medical attention in event of irritation.
Inhalation	No particular requirements. If symptoms develop move the victim to fresh air. If symptoms persist seek medical advice/attention.
Ingestion	No particular requirements. If you feel unwell, seek medical advice. For advice, contact a Poisons Information Centre or a doctor.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES**Extinguishing media**

Extinguishing media	There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.
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Special hazards arising from the substrate or mixture

Fire incompatibilities	Avoid contamination with oxidising agents
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Advice for firefighters

Fire fighting	Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves in the event of a fire. Prevent, by any means available, spillage from entering drains or water courses. Use firefighting procedures suitable for surrounding area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Equipment should be thoroughly decontaminated after use.
Fire/Explosion Hazard	During fire, gases hazardous to health may be formed.
HAZCHEM	Not applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Minor Spills	Clean up all spills immediately. Use water spray to reduce vapours or divert vapour cloud drift. Following product recovery, flush area with water. Never return spills to original containers for re-use.
Major Spills	Use water spray to reduce vapours or divert vapor cloud drift. Following product recovery, flush area with water. Prevent, by any means available, spillage from entering drains or water courses. Never return spills to original containers for re-use.
PPE	Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE**Precautions for safe handling**

Safe handling	Wash thoroughly after handling. When using do not eat or drink.
Other information	Store at room temperature (20-25°C) in a secure area inaccessible to children.

Conditions for safe storage, including any incompatibilities

Suitable container	Polyethylene or polypropylene container.
Storage incompatibility	Strong acids. Strong oxidizing agents. Do not contaminate water, food or feed by storage or disposal.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

No occupational exposure limits have been prescribed for the material.

Exposure controls

Appropriate engineering controls	Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.
Personal protection	Not normally required. Follow label instructions.
Eye and face protection	Not normally required. Follow label instructions.
Skin protection	Not normally required. Follow label instructions.
Hands/feet protection	Not normally required. Follow label instructions.
Body protection	Not normally required. Follow label instructions.
Other protection	Not applicable
Thermal hazards	Not Available

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Transparent to Translucent liquid		
Physical state	Liquid	Relative density (Water = 1)	Not Available
Melting point / freezing point (°C)	Not Available	Partition coefficient n-octanol / water	Not Available
Initial boiling point and boiling range (°C)	100	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	4.0 – 6.0	Decomposition temperature	Not Available
Odour	Thyme / Spicy	Viscosity (cps)	<100 @ 25°C
Odour threshold	Not Available	Molecular weight (g/mol)	Not Available
Flash point (°C)	>100 Closed cup	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Does not sustain combustion.	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Applicable	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Applicable	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water (g/L)	Miscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Calculated approximately <1%

SECTION 10 STABILITY AND REACTIVITY

Reactivity	This product may react with strong oxidizing agents.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Do not freeze. Do not mix with other chemicals.
Incompatible materials	Strong acids. Strong oxidizing agents.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Ingestion	May cause stomach distress, nausea or vomiting.
Skin Contact	Not expected to be a primary skin irritant.
Eye	Direct contact with eyes may cause temporary irritation.
Chronic	No relative data is listed.

Toxicological effect of ingredients

thymol		
	Acute toxicity	Oral LD50 rat 980 mg/kg Dermal LD50 rat >2000 mg/kg , 24 hours ECHA
	Skin corrosion/irritation	Acute Dermal Irritation: Slight, no erythema or edema at 72 hours (EPA Category IV).
	Eye damage/irritation	Acute Eye Irritation: Minimal, all effects cleared in 24 hours (EPA Category IV).
	Respiratory/skin sensitization	No available data
	Germ cell mutagenicity	No available data
	Carcinogenicity	Non-hazardous by OSHA criteria.
	Reproductive toxicity	No available data
	STOT (single exposure)	No available data
	STOT (repeated exposure)	No available data
	Aspiration toxicity	No available data

SECTION 12 ECOLOGICAL INFORMATION**Toxicity**

	Endpoint	Duration (Hr.)	Species	Value
thymol	LC50	96	Fathead minnow (Pimephales promelas)	3.2 mg/L

Persistence and degradability

Ingredient	
thymol	100% biodegradable in less than 14 days per OECD 301E method.

Bio accumulative potential

Ingredient	Bioaccumulation
thymol	No available data

Mobility in soil

Ingredient	Mobility
thymol	No available data

SECTION 13 DISPOSAL CONSIDERATIONS**Waste treatment methods**

Product / packaging disposal	
	Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations

SECTION 14 TRANSPORT INFORMATION**Labels Required**

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport ADG (Not Applicable): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

SECTION 15 REGULATORY INFORMATION**Safety, health, and environmental regulations / legislation specific for the substance or mixture****THYMOL IS FOUND ON THE FOLLOWING REGULATORY LISTS**Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals
Australian Inventory of Industrial Chemicals (AIIC)**SECTION 16 OTHER INFORMATION****Revision Schedule**

Revision Date	Not applicable
Initial Date	12/05/2023

SDS Version Summary

Version	Issue Date	Sections Updated
1.0	12/05/2023	All sections originated

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources such as the ECHA C&L Chemical Inventory, HSNO (CCID) New Zealand, AICIS and HCIS Australia

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Definitions and abbreviations

PC-TWA;	Permissible Concentration-Time Weighted Average
PC-STEL:	Permissible Concentration-Short Term Exposure Limit
IARC:	International Agency for Research on Cancer
ACGIH:	American Conference of Government Industrial Hygienists
STEL:	Short Term Exposure Limit
TEEL:	Temporary Emergency Exposure Limit
IDLH:	Immediate Danger to Life or Health Concentrations
OSF:	Odour Safety Factor
NOAEL:	No Observed Effects Level
TLV:	Threshold Limit Value
LOD:	Limit Of Detection
OTV:	Odour Threshold Value
BCF:	Bio Concentration Factors

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End of SDS