



Material Safety Data Sheet

RANCONA® DIMENSION 45ME

Version: 1.0

Revision Date: 23.10.2013

Print Date: 07.01.2014

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

Product name: RANCONA® DIMENSION 45ME

Product Use Description: Fungicide

Company: Chemtura Australia Pty Ltd
Level 7, 435 King William St
Adelaide SA
5000
Australia
Telephone : 1800 635 743 or + 61 8 8112 0900
Telefax : 1800 656 408

Emergency telephone number: +61 2 8014 4558 (Carechem 24)
ORICA : 1800 033 111 (24 hr Service)

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by Product Safety Department
(US) +1 866-430-2775

Customer Service: 1800 635 743 or + 61 8 8112 0900

2. HAZARDS IDENTIFICATION

Classified according to the criteria of NOHSC.
HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

Standard for the Uniform : Schedule 5
Scheduling of Medicines and
Poisons

R-phrases

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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S-phrase(s)

S24: Avoid contact with skin.

S37: Wear suitable gloves.

S60: This material and its container must be disposed of as hazardous waste.

S61: Avoid release to the environment. Refer to special instructions/ Safety data sheets.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Preparation

Hazardous components

Chemical Name	CAS-No.	Concentration
propane-1,2-diol (Sum of vapour and particulates)	57-55-6	>= 10 - < 30%
Ipconazole	125225-28-7	< 10%
metalaxyl	57837-19-1	< 10%

Non-Hazardous components

Chemical Name	CAS-No.	Concentration
Non-Hazardous Components		> 60%

4. FIRST AID MEASURES

- General advice : For advice, contact a Poisons Information Centre (Phone: Australia 131 126 or New Zealand 0800 764 766) or a doctor at once.
- Inhalation : Move to fresh air.
Obtain medical attention.
- Skin contact : Take off contaminated clothing and shoes immediately.
Wash off with warm water and soap.
If symptoms persist, call a physician.
- Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If symptoms persist, call a physician.
- Ingestion : Do NOT induce vomiting.
Rinse mouth with water.
Obtain medical attention.

5. FIREFIGHTING MEASURES

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- | | |
|---|---|
| Suitable extinguishing media | : Extinguishing media - large fires
Alcohol-resistant foam
(on small fires)
Carbon dioxide (CO ₂)
Dry chemical |
| Unsuitable extinguishing media | : Water spray jet |
| Special protective equipment for firefighters | : Wear self contained breathing apparatus for fire fighting if necessary.
Complete suit protecting against chemicals
Flame-resistant clothing |
| Further information | : Prevent fire extinguishing water from contaminating surface water or the ground water system. |

6. ACCIDENTAL RELEASE MEASURES

- | | |
|---------------------------|---|
| Personal precautions | : Wear suitable protective equipment.
Avoid contact with skin and eyes. |
| Environmental precautions | : Do not allow uncontrolled discharge of product into the environment.
Do not contaminate ponds, waterways or ditches with chemical or used container. |
| Methods for cleaning up | : Dam up.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.
Large spills should be collected mechanically (remove by pumping) for disposal. |

7. HANDLING AND STORAGE

Handling

- | | |
|-------------------------|---|
| Advice on safe handling | : Avoid inhalation, ingestion and contact with skin and eyes.
Wash thoroughly after handling.
Do not use in areas without adequate ventilation. |
|-------------------------|---|

Storage

- | | |
|---|---|
| Requirements for storage areas and containers | : Keep in a dry, cool place. |
| Materials to avoid | : Oxidizing agents, Strong acids and strong bases |
| Other data | : Stable under normal conditions. |

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
propane-1,2-diol (Sum of vapour and particulates)	57-55-6	TWA	10 mg/m ³	2012-05-04	AU OEL
		TWA	150 ppm 474 mg/m ³	2012-05-04	AU OEL

Engineering measures

Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

- Respiratory protection : In the case of vapour formation use a respirator with an approved filter.
- Hand protection : Impervious butyl rubber gloves
- Eye protection : Safety glasses with side-shields
- Skin and body protection : impervious clothing
Long sleeved clothing
- Hygiene measures : Wash hands before breaks and at the end of workday.
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Form : liquid
- Colour : clear
pink

Safety data

- Flash point : Note: Aqueous material
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available
- pH : 7
- Boiling point/boiling range : ca. 100 °C

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Density : 1.065 g/cm³
at 20 °C

Water solubility : Note: soluble

10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: Extremes of temperature and direct sunlight.

Materials to avoid : Remarks: Oxidizing agents
Strong acids and strong bases

Hazardous decomposition products : Note: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50: > 2,000 mg/kg
Species: rat

Acute inhalation toxicity : LC50: > 5.03 mg/l
Exposure time: 4 h
Species: rat

Acute dermal toxicity : LD50: > 2,000 mg/kg
Species: rat

Skin irritation : Species: rabbit
Classification: No skin irritation

Eye irritation : Species: rabbit
Classification: No eye irritation

Sensitisation : Species: guinea pig
Result: Did not cause sensitization on laboratory animals.

CMR effects
Ipconazole : Carcinogenicity: Animal testing did not show any carcinogenic effects.
Mutagenicity: In vitro tests did not show mutagenic effects
Teratogenicity: No effects on or via lactation
Reproductive toxicity: No toxicity to reproduction

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Further information : no data available
The evaluation was performed following the calculation procedure of the preparation directive.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish : LC50: 22.49 mg/l
Exposure time: 96 h
Species: Danio rerio (zebra fish)

Toxicity to daphnia and other aquatic invertebrates : EC50: 12.47 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)

Toxicity to algae : EC50: < 0.18 mg/l
Exposure time: 96 h
Species: Algae

Cyclopentanol,2-[(4-chlorophenyl)methyl]-5-(1-methylethyl)-1-(1H-1,2,4-triazol-1-ylmethyl)- : 1

Toxicity to fish (Chronic toxicity)
Ipconazole : NOEC: 0.00044 mg/l
Exposure time: 28 d
Species: Pimephales promelas (fathead minnow)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)
Ipconazole : NOEC: 0.0109 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea)

Elimination information (persistence and degradability)

Bioaccumulation : Remarks:
no data available

Mobility : Remarks:
no data available

Biodegradability : Result: no data available

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Further information on ecology

Ecotoxicology Assessment

Results of PBT assessment

This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

Additional ecological information : no data available

The evaluation was performed following the calculation procedure of the preparation directive.

13. DISPOSAL CONSIDERATIONS

Product : Dispose of as hazardous waste in compliance with local and national regulations.
Do not contaminate ponds, waterways or ditches with chemical or used container.

14. TRANSPORT INFORMATION

ADG

Not dangerous goods

ADR

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

RID

Not dangerous goods

15. REGULATORY INFORMATION

R-phrases)	: R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases)	: S24 S37 S60 S61	Avoid contact with skin. Wear suitable gloves. This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/ Safety data sheets.



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National regulatory information

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APVMA Registration number: 67985

16. OTHER INFORMATION

Further information

Carechem24 International Worldwide Coverage - Chemtura Corporation

Emergency Phone Number

<u>Europe:</u>	All European Countries	+44 (0) 1235 239 670 (NCEC)
<u>Asia Pacific:</u>	East / South East Asia – Regional Number	+65 3158 1074
	Australia	+61 2801 44558
	New Zealand	+64 9929 1483
	China Taiwan	+86 10 5100 3039
	Japan	+81 345 789 341
	Indonesia	00780 3011 0293
	Malaysia	+60 3 6207 4347
	Thailand	001800 1 2066 6751
	Korea	+65 3158 1285
	Vietnam	+65 3158 1255
	India	+65 3158 1198
	Pakistan	+65 3158 1329
	Philippines	+65 31581203
	Sri Lanka	+65 3158 1195
	Bangladesh	+65 3158 1200
<u>Middle East / Africa:</u>	Arabic speaking countries	+44 (0) 1235 239 671
	All other countries	+44 (0) 1235 239 670
<u>America</u>	United States / Canada	001866 928 0789
<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
	Mexico	+52 555 004 8763



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End of Safety Data Sheet