



# SAFETY DATA SHEET

Product Name **IMIFORCE 200 SC TERMITICIDE**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Supplier name** SHERWOOD CHEMICALS AUSTRALASIA PTY LTD  
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**Web site** <http://www.sherwoodchemicals.com.au>  
**Synonym(s)** IMIFORCE 20SC  
**Use(s)** INSECTICIDE • TERMICIDE • TERMICIDE AND INSECTICIDE  
**SDS date** 27 February 2015

## 2. HAZARDS IDENTIFICATION

**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA**

**Risk Phrases**

None allocated

**Safety Phrases**

None allocated

**CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

**UN Number** 3082 **Transport Hazard Class** 9  
**Packing Group** III **Hazchem Code** •3Z

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	CAS Number	EC Number	Content
IMIDACLOPRID	138261-41-3	428-040-8	20%
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	<15%
WATER	7732-18-5	231-791-2	Remainder

## 4. FIRST AID MEASURES

**Eye** If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

**Inhalation** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

**Ingestion** For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).

**Advice to doctor** Check blood pressure and pulse rate frequently since bradycardia and hypotension are possible. Provide supportive measures for respiratory and cardiac function. Give artificial respiration if signs of paralysis appear. Additional therapeutic measures involve elimination of the substance from the body or acceleration of its excretion (gastrolavage, saline laxatives).  
Antidote: None known

**Product Name**      **IMIFORCE 200 SC TERMITICIDE**

Contraindications: Absorption promoting agents such as alcoholic beverages and milk. Oils and fats are of no special significance due to the low liposolubility of the active ingredient.

**First aid facilities**      Eye wash facilities and safety shower are recommended.

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## 5. FIRE FIGHTING MEASURES

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**Flammability**      Non flammable. May evolve toxic gases (carbon/ nitrogen oxides, chlorides, hydrocarbons) when heated to decomposition. May evolve hydrogen cyanide and hydrogen chloride gas when heated to decomposition.

**Fire and explosion**      Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**Extinguishing**      Use an extinguishing agent suitable for the surrounding fire.

**Hazchem code**      •3Z

- Alcohol Resistant Foam is the preferred firefighting medium. Else use;
- 3      Normal Foam (protein based foam that is not alcohol resistant).
- Z      Wear full fire kit and breathing apparatus. Contain spill and run-off.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions**      Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

**Environmental precautions**      Prevent product from entering drains and waterways.

**Methods of cleaning up**      Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.

**References**      See Sections 8 and 13 for exposure controls and disposal.

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## 7. STORAGE AND HANDLING

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**Storage**      Store in a cool, dry, well ventilated area, removed from incompatible substances and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

**Handling**      Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Exposure standards**      No exposure standard(s) allocated.

**Biological limits**      No biological limit allocated.

**Engineering controls**      Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.

**PPE**

**Eye / Face**      Wear splash-proof goggles.

**Hands**      Wear PVC or rubber gloves.

**Body**      Wear coveralls. If spraying, wear rubber or PVC boots.

**Respiratory**      If spraying, wear a Type A-Class P1 (Organic gases/vapours and Particulate) respirator.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Product Name**      **IMIFORCE 200 SC TERMITICIDE**

<b>Appearance</b>	OFF WHITE LIQUID
<b>Odour</b>	SLIGHT CHARACTERISTIC ODOUR
<b>Flammability</b>	NON FLAMMABLE
<b>Flash point</b>	NOT RELEVANT
<b>Boiling point</b>	100°C (Approximately)
<b>Melting point</b>	0°C (Approximately)
<b>Evaporation rate</b>	AS FOR WATER
<b>pH</b>	4 to 7
<b>Vapour density</b>	NOT AVAILABLE
<b>Specific gravity</b>	1.08 to 1.10
<b>Solubility (water)</b>	SOLUBLE
<b>Vapour pressure</b>	2x10 <sup>-9</sup> mbar at 20°C
<b>Upper explosion limit</b>	NOT RELEVANT
<b>Lower explosion limit</b>	NOT RELEVANT
<b>Partition coefficient</b>	NOT AVAILABLE
<b>Autoignition temperature</b>	NOT AVAILABLE
<b>Decomposition temperature</b>	NOT AVAILABLE
<b>Viscosity</b>	NOT AVAILABLE
<b>Explosive properties</b>	NOT AVAILABLE
<b>Oxidising properties</b>	NOT AVAILABLE
<b>Odour threshold</b>	NOT AVAILABLE
<b>% Volatiles</b>	> 60 % (Water)

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**10. STABILITY AND REACTIVITY**

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<b>Chemical stability</b>	Stable under recommended conditions of storage.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources.
<b>Material to avoid</b>	Incompatible with oxidising agents (e.g. hypochlorites) and acids (e.g. nitric acid).
<b>Hazardous Decomposition Products</b>	May evolve toxic gases (carbon/ nitrogen oxides, chlorides, hydrocarbons) when heated to decomposition.
<b>Hazardous Reactions</b>	Polymerization is not expected to occur.

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**11. TOXICOLOGICAL INFORMATION**

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<b>Health Hazard Summary</b>	Harmful. This product has the potential to cause adverse health effects. Use safe work practices to avoid eye or skin contact and inhalation. Over exposure may result in depressed muscular tone, respiratory disturbance, trembling and possible allergic skin reactions. Over exposure may result in muscular cramps.	
<b>Eye</b>	Low to moderate irritant. Contact may result in mild irritation, lacrimation and redness.	
<b>Inhalation</b>	Low to moderate irritant. Over exposure may result in irritation of the nose and throat, coughing, dizziness and headache.	
<b>Skin</b>	Irritant. Contact may result in irritation, redness and rash. Some individuals may experience allergic reaction. Dermal LD50 (rat) is > 5000 mg/kg.	
<b>Ingestion</b>	Harmful. Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea. Oral LD50 (rat) is > 2000 mg/kg.	
<b>Toxicity data</b>	IMIDACLOPRID (138261-41-3)	
	LC50 (inhalation)	5323 mg/m <sup>3</sup> (rat)
	LD50 (skin)	5000 mg/kg (rat)

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**12. ECOLOGICAL INFORMATION**

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<b>Toxicity</b>	LC50: 237 mg/L (96h) Golden Orfe ( <i>Leuciscus idus</i> ). LC50: 211 mg/L (96h); Rainbow Trout ( <i>Salmo gairdneri</i> ).
<b>Persistence and degradability</b>	No information provided.
<b>Bioaccumulative potential</b>	No information provided.
<b>Mobility in soil</b>	No information provided.
<b>Other adverse effects</b>	This insecticide is toxic to most insects even at low levels. Avoid contamination of non-target areas. Do not allow product to enter drains or waterways.

**13. DISPOSAL CONSIDERATIONS**

<b>Waste disposal</b>	For small amounts, absorb with cleaning rags and dispose of to refuse. For large amounts, absorb with sand or similar and dispose of to an approved landfill site. Contact the manufacturer/supplier for additional information (if required).
<b>Legislation</b>	Dispose of in accordance with relevant local legislation.

**14. TRANSPORT INFORMATION**

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE



	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
<b>UN Number</b>	3082	3082	3082
<b>Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<b>Transport Hazard Class</b>	9	9	9
<b>Packing Group</b>	III	III	III

**Environmental hazards** No information provided

**Special precautions for user**

<b>Hazchem code</b>	•3Z
<b>GTEPG</b>	9C1
<b>EMS</b>	F-A, S-F

**15. REGULATORY INFORMATION**

<b>Poison schedule</b>	Classified as a Schedule 5 (S5) Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
<b>Inventory Listing(s)</b>	<b>AUSTRALIA: AICS (Australian Inventory of Chemical Substances)</b> All components are listed on AICS, or are exempt.

**16. OTHER INFORMATION**

<b>Additional information</b>	<p><b>RESPIRATORS:</b> In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.</p> <p><b>WORKPLACE CONTROLS AND PRACTICES:</b> Unless a less toxic chemical can be substituted for a hazardous substance, <b>ENGINEERING CONTROLS</b> are the most effective way of reducing exposure. The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release. Isolating operations can also reduce exposure. Using respirators or protective equipment is less effective than the controls mentioned above, but is sometimes necessary.</p> <p><b>PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:</b> The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.</p>
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**HEALTH EFFECTS FROM EXPOSURE:**

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**Abbreviations**

ACGIH	American Conference of Governmental Industrial Hygienists
CAS #	Chemical Abstract Service number - used to uniquely identify chemical compounds
CNS	Central Nervous System
EC No.	EC No - European Community Number
EMS	Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)
GHS	Globally Harmonized System
GTEPG	Group Text Emergency Procedure Guide
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration, 50% / Median Lethal Concentration
LD50	Lethal Dose, 50% / Median Lethal Dose
mg/m <sup>3</sup>	Milligrams per Cubic Metre
OEL	Occupational Exposure Limit
pH	relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm	Parts Per Million
STEL	Short-Term Exposure Limit
STOT-RE	Specific target organ toxicity (repeated exposure)
STOT-SE	Specific target organ toxicity (single exposure)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
SWA	Safe Work Australia
TLV	Threshold Limit Value
TWA	Time Weighted Average

**Revision history**

Revision	Description
1.0	Standard SDS Review

**Report status**

This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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**Revision: 1**  
**SDS Date: 27 February 2015**

**End of SDS**