SECTION 1: IDENTIFICATION

1.1 Product Description

Product Name	**IMIFORCE 200 SC TERMITICIDE**
Benefit	For prevention and killing termites in home or building

1.2 Suggestions

For using	1. After using, should be washed hand always. 2. Wear protective equipment always before use.
Prohibition for use	1. **DO NOT** store near flames or heat 2. **DO NOT** eat and contact to skin, eyes, or inhaled 3. **DO NOT** dispose product and containers to watercourses

1.3 Manufacturer and Distributors

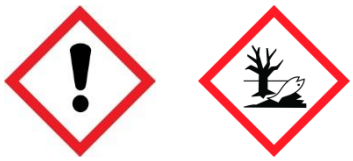
Company Name	: **SHERWOOD CHEMICALS AUSTRALASIA PTY LTD**
Address	: Level 3, 1060 Hay St, West Perth, WA, 6005, AUSTRALIA
Contact	: Tel. +61 8 9219 4683 Fax. +61 8 9219 4672
E-Mail	: contact@sherwoodchemicals.com.au
Website	: http://www.sherwoodchemicals.com.au
Emergency Contact	: Tel. +61 421 667972
Manufacturer	: **Sherwood Corporation (Thailand) Public Company Limited**
Address	: 90/1 Moo 9, Wellgrow Industrial Estate, Km.36 Bang Na-Trad Road, Bang Wua, Bang Pakong District, Chachoengsao 24180, Thailand
Contact	: Tel. +66-3852-2302 Fax. +66-3852-2311
Website	: http://www.sherwood.co.th

SECTION 2: HAZARDS IDENTIFICATION

Classified as Hazardous According to GHS

: Acute Toxicity - Oral		Category 4
: Eye Damage / Irritation		Category 2B
: Hazardous to the Aquatic Environment	- Short Term (Acute) Hazard	Category 1
	- Long Term (Chronic) Hazard	Category 1

Hazard Symbol:



Signal Word: Warning

Hazard Statement

H302	: Harmful if swallowed.
H320	: Cause eye irritation.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.

Precautionary Statement

General:

P101	: If medical advice is needed, have product container or label at hand.
P102	: Keep out of reach of children.
P103	: Read label before use.

Prevention:

P264	: Wash thoroughly after handling.
P270	: **DO NOT** eat, drink or smoke when using this product.
P273	: Avoid release to the environment.
P280	: Wear protecting gloves / eye protection / face protection.

Response:

P301+P312	: IF SWALLOWED: Call a POISON CENTER / doctor if you feel unwell.
P305+P351+P338	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330	: Rinse mouth.
P337+P313	: If eye irritation persists: Get medical advice / attention.
P362+P364	: Take off contaminated clothing and wash it before reuse.
P391	: Collect spillage.

Disposal:

P501	: Dispose of contents / container in accordance with relevant regulations.

SECTION 3: INFORMATION ON INGREDIENTS

Component (s)	CAS Number	Content
Imidacloprid	138261-41-3	20.00%
Water	7732-18-5	> 60.00%
Non hazardous ingredients	Mixture	< 20.00%

SECTION 4: FIRST AID MEASURES

If Inhaled : Remove from contaminated area. Apply artificial respiration if not breathing.

If on Skin or Hair : Remove contaminated clothing and flush skin and hair with running water.

If in Eye : 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.

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

First Aid Facilities : Eye wash facilities and safety shower are recommended.

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
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.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media Suitable
: Use an extinguishing agent suitable for the surrounding fire.

Extinguishing Media Unsuitable
: No data available.

Specific Hazards Rising from the Chemical
: 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.

Special Protective Action for Fire-Fighters
: Wear self - contained breathing apparatus and chemical-protective clothing. (Self - Contained Breathing Apparatus, SCBA).

Advice for Fire Fighters
: Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard.

Hazchem Code : • 3Z
3 - Alcohol Resistant Foam is the preferred firefighting medium but, if it is not available, normal foam can be used.
Z - Wear full fire kit and breathing apparatus. Contain spill and run-off.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions
: Clear area of all unprotected personnel. Ventilate area where possible.
: Contact emergency services where appropriate.

Personal Protection
: Wear Personal Protective Equipment (PPE) as detailed in SECTION 8 of the SDS.

Environmental Precautions
: Prevent product from entering drains and waterways.

Methods and Material for Containment and 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.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe 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.

Precautions for Safe 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.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standard
: No exposure standards have been entered for this product.

Biological Limit
: No biological limit values have been entered for this product.

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

Personal Protective Equipment
: Avoid inhalation. If using indoors, ensure there is adequate natural ventilation. Increase air flow by opening windows / doors or using mechanical extraction units.

PPE - Eye / Face	: Wear splash-proof goggles.
- Hands	: Wear PVC or rubber gloves.
- Body	: Wear coveralls. When using large quantities or where heavy contamination is likely, wear rubber boots.
- Respiratory	: At high vapour levels, wear a Type A (Organic vapour) respirator. If spraying, wear a Type A-Class P1 (Organic gases / vapours and Particulate) respirator.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance		: Off-white liquid
Odor		: Slight characteristic odour.
Odor Exposure Limits		: No data available.
pH value		: 3.5 - 7.0
Melting / Freezing point		: 0°C (Approximately).
Boiling point / Range		: 100°C (Approximately).
Flash point		: Not Relevant.
Evaporation Rate		: As for Water.
Flammability		: Non-Flammable.
Flammable Limits	(LFL) %	: Not Relevant.
	(UFL) %	: Not Relevant.
Explosion Limits	(LEL) %	: Not Relevant.
	(UEL) %	: Not Relevant.
Vapour Pressure		: 18 mm Hg @ 20°C
Vapour Density (air = 1)		: No data available.
Relative Density (water = 1)		: No data available.
Partition Coefficient n-Octanol / water		: No data available.
Auto - Ignition Temperature		: No data available.
Decomposition Temperature		: No data available.
Solubility in water		: Soluble
Specific Gravity / Density		: 1.08 - 1.10 kg/L at 30°C
Viscosity		: 250 - 450 at 25°C

SECTION 10: STABILITY AND REACTIVITY

Reactivity	: Carefully review all information provided.
Chemical Stability	: Stable under recommended conditions of storage.
Possibility of Hazardous reactions	: Polymerization is not expected to occur.
Conditions to Avoid	: Avoid heat, sparks, open flames and other ignition sources.
Incompatible Materials	: Incompatible with oxidizing agents (e.g. Hypochlorites), acids (e.g. Nitric acid) and alkalis (e.g. Sodium hydroxide).
Hazardous Decomposition products	: May evolve toxic gases (Carbon / Nitrogen oxides, Chlorides, Hydrocarbons) when heated to decomposition.

SECTION 11: TOXICOLOGICAL INFORMATION

Health Hazard Summary	: 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.
Eye	: Low to moderate irritant. Contact may result in mild irritation, lacrimation and redness.
Inhalation	: Low to moderate irritant. Over exposure may result in irritation of the nose and throat, coughing, dizziness and headache.
Skin	: Irritant. Contact may result in irritation, redness and rash. Some individuals may experience allergic reaction. Acute Toxicity Dermal LD_{50} (rat) is > 5,000 mg/kg.
Ingestion	: Harmful. Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea. Acute Toxicity Oral LD_{50} (rat) is > 2,000 mg/kg.

Toxicity data

Ingredient	Oral Toxicity (LD_{50})	Dermal Toxicity (LD_{50})	Inhalation Toxicity (LC_{50})
Imidacloprid	5,000 mg/kg (rat)	-	5,323 mg/L (rat)

SECTION 12: ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment

- Acute Hazard	: Not Classified.
- Chronic Hazard	: Toxic to aquatic life with long lasting effects.
Toxicity	: LC_{50} 237 mg/L (Golden orfe, 96h (Leuciscus idus)).
	: LC_{50} 211 mg/L (Rainbow trout, 96h (Salmo gairdneri)).
Persistence and Degradability	: No information provided.
Bio-Accumulative Potential	: No information provided.
Mobility in Soil	: No information provided.
Other Adverse Effects	: 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.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Method : 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).

Container Treatment Method : Product container will be disposed of when the container is returned. Contact the manufacturer / supplier for additional information (if required).

Legislation : Dispose of in accordance with relevant local legislation.

SECTION 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)**
14.1 UN Number	3082	3082	3082
14.2 Proper Shipping Name	Environmentally Hazardous Substance, Liquid, N.O.S.	Environmentally Hazardous Substance, Liquid, N.O.S.	Environmentally Hazardous Substance, Liquid, N.O.S.
14.3 Transport Hazard Class	9	9	9
14.4 Packing Group	III	III	III
14.5 Environment Hazards	No Information provided		
14.6 Special Precautions for User	Hazchem Code ●3Z GTEPG 9C1 EMS F-A, S-F		

Beware ensure transportation of the container tightly closed, no leak and **DO NOT** overturned.
DO NOT delivery with food, fiber, oxidizing agent, bases, etc.

SECTION 15: REGULATORY INFORMATION

Poison Schedule : Classified as a Schedule 5 (S5) Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Inventory Listing (s) : **AUSTRALIA: AICS (Australian Inventory of Chemical Substances)**
All components are listed on AICS, or are exempt.

SECTION 16: OTHER INFORMATION

Additional information:

RESPIRATORS: 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.

WORKPLACE CONTROLS AND PRACTICES: Unless a less toxic chemical can be substituted for a hazardous substance, ENGINEERING CONTROLS 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.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES: 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.

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 ChemAlet 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.	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
	LC_{50}	Lethal Concentration, 50% / Median Lethal Concentration
	LD_{50}	Lethal Dose, 50% / Median Lethal Dose
	mg/m^3	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

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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