

MATERIAL SAFETY DATA SHEET

IMIFORCE 200 SC TERMITICIDE

Section 1: Identification of the Product and Company

Product name:	IMIFORCE 200 SC TERMITICIDE
Other names:	(IMIFORCE 20SC)
Use:	Insecticide for Termite control
Company name & Contact details	Sherwood Chemicals Australasia Pty Ltd Address: Level 3, 1060 Hay Street, WEST PERTH 6005 AUSTRALIA Tel: +61 8 9219 4683 Fax: +61 8 9219 4672 Web: www.sherwoodchemicals.com.au Emergency Telephone number: All hours +61 421 667972
Other information:	All reasonable care has been taken to ensure the information and advice contained in this data sheet is accurate at the time of printing. However, Sherwood Chemicals accepts no liability for any loss or damages suffered as a consequence of reliance upon the information contained herein.

Section 2: Hazards Identification

Hazardous classification:	Hazardous (National Occupational Health and Safety Commission - NOHSC).
R-phrases(s):	R22 - Harmful if swallowed. R36/38 - Irritating to eyes and skin. R43 - May cause sensitization by skin contact. R50/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrase(s):	See sections 4, 5, 6, 7, 8, 10, 13.
ADG Classification:	Not a "Dangerous goods" for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. For transport by sea, IMIFORCE 200 SC Termiticide is a MARINE POLLUTANT. See Section 14.
SUSMP classification (Poison Schedule):	Schedule 5 (Standard for the Uniform Scheduling of Medicines and Poisons).

Section 3: Composition / Information on Ingredients

Chemical entity	CAS N°	Proportion
Imidacloprid	138261-41-3	20%
Water and other ingredients (non-hazardous) to 100 %	7732-18-5	balance

MSDS- IMIFORCE 200 SC TERMITICIDE

Section 4: First Aid Measures

If poisoning occurs, immediately contact a doctor or Poisons Information Centre (telephone 13 11 26), and follow the advice given. Show this Material Safety Data Sheet to a doctor.

General advice:

Inhalation:	Remove patient to fresh air. Keep rested and warm.
Skin contact:	Remove patient's clothing and wash skin thoroughly with soap and water.
Eye contact:	Irrigate eyes immediately with water for 15 minutes.
Ingestion:	Give plenty of water to drink. Never give anything by mouth to an unconscious person.
First Aid Facilities:	Provide washing facilities in the workplace.
Symptoms:	Symptoms of intoxication that may arise if the product is mishandled include: apathetic state, depressed muscular tone, respiratory disturbance and trembling. Muscular cramps are also possible in severe cases of poisoning.
Medical attention:	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:	Sprayed water jet, foam, extinguishing powder, carbon dioxide, and sand.
Hazards from combustion products:	In the event of fire, the formation of hydrogen chloride, hydrogen cyanide, carbon monoxide and nitrogen oxides must be anticipated. Do not breathe fumes.
Precautions for fire fighters:	Fight fire in the early stages if safe to do so. Wear respiratory protection. Well ventilated areas: wear full face mask with combination filter eg., ABEK-P2 (offers no protection from carbon monoxide). Enclosed premises: wear respirator with independent air supply. Contain firefighting water. If at all possible do not allow firefighting water to enter drains and waterways.

Section 6: Accidental Release Measures

Prevent spill from spreading or entering waterways or drains. Take up with absorbent material such as sawdust, peat or binding agent for chemicals. Fill material along with any contaminated soil etc. into sealable containers. Clean affected area with an aqueous detergent and a small amount of water. On completion of clean-up remove and wash all protective clothing and equipment with detergent and water. Any heavily contaminated clothing should be placed in a plastic garbage bag and placed in a sealable drum. Do not smoke, eat or drink during clean-up operation.

MSDS- IMIFORCE 200 SC TERMITICIDE

Section 7: Handling and Storage

Handling

Hygiene measures:

- Avoid contact with skin, eyes and clothing.
- Keep working clothes separately.
- Wash hands before breaks and immediately after handling the product.
- Remove soiled clothing immediately and clean thoroughly before using again.
- Garments that cannot be cleaned must be destroyed (burnt).

Storage

- Requirements for storage areas and containers:
Keep containers tightly closed in a dry, cool and well-ventilated place.
Store in a place accessible by authorized persons only.
Store in original container.

Requirements for storage areas and containers:

- Keep out of reach of children and animals.
- Advice on common storage:
Keep away from food, drink and animal feeding stuffs.

Suitable materials:

- HDPE (high density polyethylene).

Section 8: Exposure Controls and Personal Protection

Exposure standards:	NOHSC exposure standards have not been established for any ingredient in this product.
Engineering controls:	Advice on safe handling: Use only in area provided with appropriate exhaust ventilation.
Personal Protective Equipment:	Respiratory protection: Not normally required. Hand protection: Elbow-length PVC or nitrile gloves. Eye protection: Not normally required. Skin and body protection: Cotton overall buttoned to the neck and wrist. Washable hat..

Section 9: Physical and Chemical Properties

Appearance:	Off white liquid (suspension concentrate)
Odour:	Slight characteristic odour
Vapour pressure:	2×10^{-9} mbar at 20 °C
Vapour density:	Not available
Boiling point:	Not available
Solubility:	Miscible
Density:	1.08 - 1.10 g/ml at 20 °C
pH:	4.0-7.0
Flash Point:	No flash point up to 100 °C
Flammability (explosive) limits:	Not available
Auto-ignition temperature:	Not available
Octanol/water partition coefficient:	Not available
Formulation:	Suspension concentrate for insect control

MSDS- IMIFORCE 200 SC TERMITICIDE

Section 10: Chemical Stability and Reactivity Information

Chemical stability:	Product is stable. Not flammable under normal conditions of use. Avoid strong oxidising agents.
Hazardous polymerisation: Conditions to avoid:	Hazardous polymerization is not likely to occur. None particularly recommended
Incompatible materials:	Avoid strong oxidising agents.
Hazardous decomposition products:	In the event of fire, the formation of hydrogen chloride, hydrogen cyanide, carbon monoxide and nitrogen oxides must be anticipated. Do not breathe fumes.

Section 11: Toxicological Information

	Potential Health Effect
Inhalation:	May be harmful if inhaled.
Skin contact:	Repeated exposure may cause some irritation. Unlikely to be a skin sensitiser
Eye contact:	May be slightly irritating to the eyes.
Ingestion:	Harmful if swallowed.
Other:	None

ANIMAL TOXICITY DATA – PRODUCT:

Acute:	
Oral toxicity:	LD50 rat: > 1,250 mg/kg
Dermal toxicity:	LD50 rat: > 4000 mg/kg
LC50 rat:	approx 6000 mg/cubic metre
Skin irritation:	Not irritating – rabbit
Eye irritation:	Non-irritant – rabbit
Sensitisation:	Unlikely to be a skin sensitizer
Chronic:	
Animal studies show no evidence of carcinogenic, mutagenic or teratogenic effects.	

Section 12: Ecological Information

Fish toxicity:	LC ₅₀ (<i>Oncorhynchus mykiss</i> (Rainbow trout)) > 535 mg/L Exposure time: 96 h
Toxicity to aquatic invertebrates:	EC ₅₀ (Water flea (<i>Daphnia magna</i>)) > 535 mg/L Exposure time: 24 h
Toxicity to aquatic plants:	IC ₅₀ (<i>Desmodesmus subspicatus</i>) > 1,000 mg/L Growth rate Exposure time: 72 h
Bird toxicity:	Not available
Bee toxicity:	Dangerous to bees
Other:	None

MSDS- IMIFORCE 200 SC TERMITICIDE

Section 13: Disposal Considerations

1) After intended use:

Triple or preferably pressure rinse container before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

2) After spill or accident:

Dispose of sealed containers at an approved local waste disposal site.

Section 14: Transport Information

Road or Rail Transportation

This product is not classified as a Dangerous Goods under the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Marine and Air Transportation

IMIFORCE 200 SC TERMITICIDE is a Marine Pollutant according to International Maritime Dangerous Goods (IMDG) Code and the International Air transport Association (IATA). If transporting by sea or air the following; Dangerous Goods Classification applies:-

UN 3082,

Class 9 (Miscellaneous Dangerous Goods),

Packing Group III,

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains 20% Imidacloprid).

Section 15: Regulatory Information

Registered according to the Agricultural and Veterinary Chemicals Act 1988

National Registration Authority Approval Number: 67302

Section 16: Other Information

Sherwood Chemicals Australasia Pty Ltd

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