



انجلو جلف المحدودة

ANGLO GULF LIMITED

MATERIAL SAFETY DATA SHEET

IMIDACLOPRID 20SL

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product name	: Metador 20 SL (Imidacloprid 20SL)
Other names	: None
Product code	: Not available
Recommended use	: A systemic insecticide for the control of insect pests in the home garden or commercial nurseries.
Supplier	: Anglo Gulf Limited
Address	: P.O. Box 16887, Jebel Ali Free Zone, Dubai, UAE.
Telephone Number	: 00971 4 8835039
Fax Number	: 00971 8 8835853
Website	: www.anglogulf.ae
E-mail id	: agadxbme@emirates.net.ae

2. HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE - NON-DANGEROUS GOOD

May irritate eyes and skin. Not flammable

Hazard designation

Not hazardous according to criteria of Worksafe Australia

Risk phrases : Not applicable

Safety phrases: Not applicable

ADG classification

Not "dangerous goods" for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

SUSDP classification

Schedule 5 (Standard for the Uniform Scheduling of Drugs and Poisons)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration (g/L):
Imidacloprid	183261-41-3	200
Other ingredients (non-hazardous)		800

4. FIRST AID MEASURES

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

Inhalation Remove patient to fresh air. Keep rested and warm.

Skin contact Remove patient's clothing and wash skin thoroughly with soap and water.

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Eye contact: Irrigate eyes immediately with copious quantities of water for 15 minutes.

Ingestion Give plenty of water to drink. Never give anything by mouth to an unconscious person. Seek medical assistance.

First Aid Facilities Provide washing facilities in the workplace.

Symptoms Include: apathetic state, depressed muscular tone, respiratory disturbance and trembling. Muscular cramps are also possible in severe cases of poisoning.

Medical attention Treat symptoms (nicotine-like effects). No specific antidote known. Check blood pressure and pulse frequently since bradycardia and hypotension are possible. Provide supportive measures for the respiratory function and cardiac action. Give artificial respiration if signs of paralysis appear. Additional therapeutic measures involve elimination of the substance from the body or acceleration of its excretion (gastric lavage, saline laxatives).
Contra-indications: Absorption promoting agents such as alcoholic beverages and milk.

5. FIRE FIGHTING MEASURES

Extinguishing media Water spray, carbon dioxide, foam, dry chemical.

Hazards from Combustion products

In the event of a fire the formation of hydrogen chloride, hydrogen cyanide, carbon monoxide and nitrogen oxides must be anticipated.

Precautions for fire fighters

Fire fighters should wear full protective clothing and self-contained breathing apparatus (AS1716:2000). Do not release contaminated water into the environment.

6. ACCIDENTAL RELEASE MEASURES

Wear suitable protective clothing and boots. Prevent spill from entering drains, sewers or any body of water. Contain and absorb with sand, earth or inert absorbent material. Fill along with any contaminated material into sealable containers for disposal at an approved local waste disposal site. 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.

7. HANDLING AND STORAGE

Handling

Keep out of reach of children. Very dangerous. Poisonous if absorbed by skin contact, inhaled or swallowed. Will damage eyes. Will irritate the skin. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. If product or spray in eyes washes it out immediately with water. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles, respirator (if rubber, wash with detergent and warm water) and contaminated clothing.

Storage

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Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Keep away from all ignition sources. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards No exposure standards have been assigned by Worksafe Australia for the active ingredient or the excipients in the formulation.

Engineering controls Not applicable

Personal Protective Equipment

Eyes: Avoid contact with eyes.

Clothing: Avoid contact with skin. Wear cotton overalls buttoned to the neck and wrist and a washable hat. Wear waterproof gloves.

Respiratory: Avoid inhaling spray mist.

Other: Do not eat, drink or smoke until after washing. Wash thoroughly after handling. After each day's use wash gloves and contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Pale yellow liquid.
Odour	: Characteristic
Vapour pressure	: 2×10^{-9} mbar at 20°C
Vapour density	: Not available
Boiling point	: Not available
Freezing/melting point	: Not available
Solubility	: water soluble liquid (Miscible with water)
Density at 20 °C	: 1.12 (-/+ 0.05g/ l)
pH	: 4.0 - 7.0
Flash Point	: Minimum 25°C
Flammability (explosive) limits	: Not Flammable
Octanol/water partition coefficient	: Not available
Formulation	: Water soluble liquid

10. STABILITY AND REACTIVITY

Chemical stability	: Stable under normal conditions of use.
Hazardous polymerization	: Hazardous polymerization will not occur.
Conditions to avoid	: Extreme heat
Incompatible materials	: Avoid oxidizing agents
Hazardous decomposition products	: In the event of fire, the formation of hydrogen Chloride, Hydrogen cyanide, carbon monoxide and nitrogen oxides must be anticipated.
Hazardous Reactions	: none

11. TOXICOLOGICAL INFORMATION

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POTENTIAL HEALTH EFFECTS

Inhalation of the liquid formulation is unlikely.

Skin contact Repeated exposure may cause some irritation. Unlikely to be a skin sensitizer.

Eye contact May be a slight eye irritant.

Ingestion Harmful if swallowed. 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.

Other None

ANIMAL TOXICITY DATA – PRODUCT

Acute Oral toxicity : LD₅₀ rat: > 2000 mg/kg

Dermal toxicity : LD₅₀ rat: > 5000 mg/kg

Inhalation toxicity : LC₅₀ (4 h) rat: 6.0 mg/L

Skin irritation : Not irritating – rabbit

Eye irritation : Not irritating – rabbit

Sensitization : Not available

Chronic : Animal studies show no evidence of carcinogenic effects and no Teratogenic potential.

12. ECOLOGICAL INFORMATION

DO NOT spray any plants in flower while bees are foraging. Do not contaminate streams, rivers or waterways with the product or used containers.

Fish toxicity : LC₅₀ 211 mg/L (96 h) rainbow trout LC₅₀ 237 mg/L golden orfe

Daphnia toxicity : Not available

Toxicity to algae : Not available

Bird toxicity : Not available

Bee toxicity : Dangerous to bees

Other : None

Environmental fate, persistence and degradation: Not available

13. DISPOSAL CONSIDERATIONS

Follow Avcare guidelines. Triple or preferably pressure rinse containers 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 the purpose, clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

14. TRANSPORT INFORMATION

UN number : Not applicable

Proper shipping name : Not applicable

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Class and Subsidiary Risk	: Not "dangerous goods" for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by road and rail.
Packing Group	: Not applicable
EPG	: Not applicable
Hazchem code	: Not applicable

15. REGULATORY INFORMATION

None

16. OTHER INFORMATION

Preparation information:

Reason for update: Conversion to 16 heading format.

Data sources Data in this MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent.

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