

Safety Data Sheet

TAMPRID - Reg. No: L 9582 (Act No 36 of 1947)

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1) IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER.	
Product name:	TAMPRID
Other means of identification:	Acetamiprid 200 g/kg SP
UN number:	3077
Recommended use:	Insecticide
Restrictions on use:	Agriculture
Distributed by:	MERIDIAN AGRITECH P O BOX 436 MODDERFONTEIN TEL 011 8228509 FAX 0866901386 MOBILE: 0834006056 www.agritech.co.za
Emergency Number:	POISON CENTRE (UNITAS HOSPITAL) 012 664 1100 WESTERN CAPE POISONS TELEPHONE SERVICE 0861 555 777 RAPID SPILL RESPONSE 0800 775 3305 GRIFFON POISON CENTRE: 082 446 8946
Chemical Name:	(E)-N ¹ -[(6-chloro-3-pyridyl)methyl]-N ² -cyano-N ¹ methylacetamidine (IUPAC)
2) Classification of the substance / mixture:	
Classification of the product:	Xi; Xn; R20/22; R36/38; R52/53; R65 Full text of R-phrases; see section 15. Full text of symbols and R-phrases: see section 15.
Label elements:	Hazard symbols: Xn – Harmful Xi - Irritant  Signal word: Harmful
Health effects: eyes:	Avoid contact with eyes.
Health effects: skin:	Harmful if absorbed through skin. Avoid contact with skin or clothing. Skin contact may aggravate existing skin disease
Health effects: ingestion	Harmful if ingested.
Health effects: inhalation	Harmful if inhaled. Avoid breathing dust or spray mist. Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis.
Health effects: Other	No data available

3) COMPOSITION / INFORMATION ON INGREDIENTS:

Mixture:

Chemical name	% composition	CAS No.	EC No.	Classification according to Regulation EC 1272/2008 (CLP)	Classification according to 67/548/EEC
Acetamidrid	20	135410-20-7		Acute Tox. 4, H302 Aquatic Chronic 3, H412	Xn; R22 R52-53

Full text of R- and S-phrases: see section 15.

4) First Aid Measures:

Eye contact:	Remove contact lenses. Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance immediately.
Skin contact:	Immediately flush body and clothes with large amounts of water for for 15-20 minutes. Remove contaminated clothing and footwear. Persons providing first aid must wear gloves to avoid self-contamination. Seek medical assistance immediately if irritation occurs.
Ingestion:	Immediately call a poison control center or doctor for treatment advice. Induce vomiting immediately as directed by a physician or poison control center. Have the patient sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person. Seek medical assistance.
Inhalation:	Lie down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately and if irritation persists.
Most important symptoms and effects, acute and delayed:	None known
Indication of immediate medical attention and special treatment needed: Advice to physician	There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

5) Fire-Fighting Measures:

Suitable extinguishing media:	Dry chemical, alcohol foam, water spray, carbon dioxide (CO ₂).
Unsuitable extinguishing media:	High volume water jet, due to contamination risk.
Special hazards arising from the substance or mixture:	Carbon and nitrous oxides and hydrogen chloride. Like all organic and most dry chemicals, as a powder or dust, this product (when mixed with air in critical proportions and in the presence of an ignition source) may present an explosion hazard. Fight fire from maximum distance and use unmanned hose holder or monitor nozzles. Contain fire control agents for later disposal.

Fire-fighting:	<p>Fire fighters should wear approved self-contained breathing apparatus and full protective clothing. Remove spectators from surrounding area. Isolate the fire area and evacuate downwind. Use a recommended extinguishing agent for the type of surrounding fire. Keep out of low areas. The symptoms should not be mistaken for heat exhaustion or smoke inhalation.</p> <p>Fight fire from maximum distance and use unmanned hose holder or monitor nozzles. Contain fire control agents for later disposal.</p> <p>Avoid inhaling hazardous vapours and fumes from burning materials. Remove container from fire area if possible and without risk. Do not scatter the material. Avoid pollution of waterways.</p>
Protective clothing:	Full protective clothing and self-contained breathing apparatus

6) Accidental Release Measures:

Personal precautions:	<p>Personnel handling this material should be thoroughly trained to handle spills and releases. Wear appropriate gear for the situation. See Personal Protection information in Section 8. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. Wash contaminated clothing before re-use.</p>
Environmental precautions:	<p>Do not contaminate waterways, drains and groundwater. If contamination of waterways, drains, rivers or lakes is unavoidable, warn the local authorities (Police and Department of Water/Environmental affairs) immediately.</p>
Cleaning procedure:	<p>Wear protective clothing. Clear area of unprotected personnel. Contain and remove by scoop or vacuum. Use approved industrial vacuum cleaner for removal and place in waste containers. Place in an appropriate closed container. No sparking tools should be used. Avoid creation of dusty conditions. Clean up residual material by washing area with water and detergent. Collect washings for disposal. Prevent material from entering public sewer system or any waterway. Notify regulatory authorities if necessary. Decontaminate tools and equipment following cleanup.</p>
Disposal:	<p>Waste Disposal:</p> <p>In accordance with local and national regulations. Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility</p> <p>Container Disposal: Refer to the product label for instructions. Emptied containers retain vapour and product residues, therefore observe all labelled safeguards until the container is destroyed. Combustible containers should be disposed of in pesticide incinerators. Non-combustible containers must first be triple-rinsed with water, then punctured and transported to a scrap metal facility for recycling or disposal.</p> <p>If the container is to be refilled, do not rinse with any material or introduce any pesticide other than this product. DO NO REUSE THE CONTAINER FOR ANY OTHER PURPOSE.</p> <p>Do not transport if this container is damaged or leaking.</p>

7) Handling & Storage:

<p>Handling:</p> <p>Storage:</p>	<p>Avoid skin and eye contact and inhalation of dust or spray mist. Avoid creating dust. Use in a well ventilated area. APPROVED HANDLER: This product must be under the control of an approved handler when applied in a wide dispersive manner; or used by a commercial contractor. BEWARE: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants.</p> <p>Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, fertilisers and seeds. Keep away from children or uninformed persons.</p>
<p>8) Exposure Control / Personal Protection:</p>	
<p>It is essential to provide adequate ventilation. The measures appropriate for a particular work site depend on how this material is used and on the extent of exposure. Ensure that control systems are properly designed and maintained. Comply with occupational safety, environmental, fire, and other applicable regulations.</p> <p><u>PERSONAL PROTECTIVE EQUIPMENT:</u></p> <p>Clothing:</p> <p>Gloves:</p> <p>Eye protection:</p> <p>Respiratory protection:</p> <p>Emergency eye wash:</p>	<p>Consult supplier to confirm that the equipment is suitable.</p> <p>Employee must wear appropriate protective (impervious) clothing and equipment to prevent repeated or prolonged skin contact with this substance.</p> <p>Employee must wear appropriate chemical-resistant gloves to prevent contact with this substance</p> <p>The use of safety goggles with side shields is recommended.</p> <p>An approved respirator suitable for protection from dusts and mists of pesticides is required. The limitations of the respirator use as specified by the approving agency and the manufacturer must be observed.</p> <p>Where there is any possibility that an employee's eyes may be exposed to this substance, the employer should provide an eye wash fountain or appropriate alternative within the immediate work area for emergency use.</p>
<p>9) Physical & Chemical Properties:</p>	
<p>Form:</p> <p>Colour:</p> <p>Odour:</p> <p>Odour threshold:</p> <p>pH:</p> <p>Melting point / Freezing point</p> <p>Initial boiling point and boiling range</p> <p>Flash point:</p> <p>Evaporation rate:</p> <p>Flammability (solid, gas)</p> <p>Upper/ lower flammability or explosive limits:</p> <p>Vapour pressure:</p> <p>Vapour density:</p> <p>Relative density:</p> <p>Solubility(ies)</p> <p>Partition coefficient: n-octanol/water</p>	<p>Powder</p> <p>Blue or White</p> <p>Characteristic</p> <p>No data available</p> <p>7.0 – 9.0</p> <p>No data available</p> <p>No data available</p> <p>Not flammable</p> <p>No data available</p> <p>Not flammable</p> <p>No data available</p> <p>No data available</p> <p>No data available</p> <p>No data available</p> <p>No data available</p> <p>Soluble in water</p> <p>No data available</p>

Auto-ignition temperature:	No data available
Viscosity:	No data available
10) Stability & Reactivity:	
Reactivity:	No data available.
Chemical stability:	When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture.
Hazardous decomposition product(s):	None under normal storage and use conditions. Combustion or thermal decomposition will produce irritant and toxic vapours (traces of hydrogen chloride, carbon- and nitrogen oxides)
Conditions to avoid:	Protect from sunlight, open flames and sources of heat
Incompatible materials:	Strong bases, strong acids and oxidizing agents.
11) Toxicological Information:	
Acute:	
Oral LD50	1065 mg/kg, rat
Dermal LD50	> 2 000mg/kg, rat
Inhalation LC50 (4h):	>3 mg/L, rat
Skin irritation	: Not an irritant, rabbit
Eye irritation	: Not an irritant, rabbit
Sensitisation	: Not a skin sensitizer, guinea pigs.
Other	: No data available
12) Ecological Information:	
Information below based on active ingredient:	
Bees: Oral LD ₅₀ >14 µg/bee; Contact 8 µg/bee.	
Birds: LD ₅₀ Mallard ducks >90mg/kg, Bobwhite quail >150 mg/kg. LC ₅₀ Bobwhite quail >5000 ppm.	
Fish : LC ₅₀ (24 – 96 hr) Carp >100 mg/L.	
Algae : E _p C ₅₀ (72 hr) <i>Scenedesmus subspicatus</i> >95 mg/L.	
Worms: No data available	
Other aquatic species: Toxic to <i>Daphnia magna</i> , LC50 (48 h) 0.53 µg/l.	
Persistence: Acetamiprid is not expected to be persistent in the environment. Aerobic soil metabolism is the primary degradation pathway. DT ₅₀ 0.8 – 5.4 days, DT ₉₀ 2.8 – 67.3 days (20 °C). K _{oc} 71.1 – 267.	
13) Disposal Considerations:	
Waste Disposal : : In accordance with local and national regulations. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.	
Container Disposal : Refer to the product label for instructions. Container Refilling and Disposal: If the container is to be refilled, do not rinse with any material or introduce any pesticide other than this product. DO NO REUSE THE CONTAINER FOR ANY OTHER PURPOSE, perforate and flatten. Do not transport if this container is damaged or leaking.	
14) Transportation Information:	
UN Number: 3077	
Road transport ADR/RID	
Class: 9 Miscellaneous Dangerous Goods Packaging group: III	
Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (acetamiprid)	

Marine pollutant

Air transport: ICAO / IATA

Class: 9 Miscellaneous Dangerous Goods

Packaging group: III

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (acetamiprid)

Maritime transport: IMDG

Road Transport ADR/ RID:

Class: 9 Miscellaneous Dangerous Goods Packaging
group: III

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (acetamiprid)

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC code): N/A

Environmental hazard: Yes

15) Regulatory Information:

Symbols: Xn - Harmful

Xi - Irritant

Risk – Phrase:

R20/22 - Harmful by inhalation or if swallowed

R36/38 - Irritating to eyes and skin.

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 – Harmful:
may cause lung damage if swallowed

Safety – Phrase:

S1/2 - Keep locked up and out of the reach of children.

S7 - Keep container tightly closed.

S13 - Keep away from food, drink and animal feeding stuffs.

S16 - Keep away from sources of ignition. No smoking.

S20/21 - When using, do not eat drink or smoke.

S22 - Do not breathe vapour.

S24/25 - Avoid contact with skin and eyes.

S26 - In case of contact with eyes, rinse immediately with of water and seek medical advice.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S46 - If swallowed, seek medical advice immediately and show this label.

S57 - Use appropriate containment to avoid environmental contamination.

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.

Hazard Statements

H302 - Harmful if swallowed.

H412 - Harmful to aquatic life with long-lasting effects.

16. Other Information

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear.

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