



# CHEMET WETS & FLOWS P. LTD.

AN ISO 9001:2008; ISO 14001:2004; OHSAS 18001:2007 CERTIFIED COMPANY

G-12 Hemkoot Building, B/H LIC Office, Opp. B.M. Institute of Mental Health, Ashram Road, Ahmedabad-380009. Gujarat. INDIA.

Phone : 079-26586091, Fax : 079-26587111 Email : [info@chemet.in](mailto:info@chemet.in) Website : [www.chemet.in](http://www.chemet.in)

## PRODUCT SAFETY DATA SHEET OF IMIDACLOPRID 70% WS

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name	SEEDTOUCH
Technical Name	IMIDACLOPRID 70 % WS
Chemical name	N-{1-[(6-Chloro-3-pyridyl)methyl]-4,5-dihydroimidazol-2-yl}nitramide
Formula	C <sub>9</sub> H <sub>10</sub> ClN <sub>5</sub> O <sub>2</sub>
Supplier	CHEMETWETS & FLOWS PVT.LTD Plot no.129/c/2, GIDC Estate, Ankleshwar_393002
Manufacturer	CHEMETWETS & FLOWS PVT.LTD Plot no.129/c/2, GIDC Estate, Ankleshwar_393002
Emergency Phone No.	02646-239490
Fax No	02646-220254
Environmental, Health and Safety Department	02646-239490 02646-220254
Email Id	chmetank@gmail.com

### 2. COMPOSITION INFORMATION OF INGREDIENTS

Chemical Name	CAS NO	Percentage
Imidacloprid WS	138261-41-3	70%

### 3. HAZARDS IDENTIFICATION SUMMARY

- Harmful if swallowed.
- May cause sensitization by skin contact.
- Very toxic to aquatic organisms may cause long -term adverse effects in the aquatic environment.



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## 4. FIRST AID MEASURES

### General advice

Move out of dangerous area. If the patient is likely to become unconscious, place and transport in stable sideways position. Remove soiled or soaked clothing immediately.

### Inhalation

Move the patient to fresh air and keep at rest. Call a physician immediately

### Skin contact

Wash off immediately with soap and plenty of water. Take medical treatment.

### Eye contact

In case of contact with eyes rinse thoroughly with water. Call a physician immediately.

### Ingestion

Do not induce vomiting. Wash out mouth with water. Call a physician immediately.

### Notes to Physician

#### Treatment

Treat symptomatically. Monitoring of respiratory and cardiac functions. Gastric lavage, then charcoal (carob medicals) and sodium sulfate.

## 5. FIRE FIGHTING MEASURES

### Suitable extinguishing media

Water spray, carbon dioxide (CO<sub>2</sub>), foam, sand.

### Specific hazards during fire fighting

In the event of fire the following can be released: hydrogen chloride (HCl) hydrogen cyanide (hydrocyanic acid) carbon monoxide (CO) nitrogen oxides (NO<sub>x</sub>)

### Special protective equipment for fire-fighters

In the event of fire and/or explosion do not breathe fumes. Use breathing apparatus.

### Further information

Contain the spread of the fire-fighting media. Do not allow run-off from fire fighting to enter drains or water courses.



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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

Avoid contact with spilled product or contaminated surfaces. Wear personal protective equipment. Unprotected persons must be kept away. Keep away sources of ignition.

### Environmental precautions

Do not discharge into the drains/surface water/groundwater.

### Methods for Cleaning Up

Use mechanical handling equipment. Pack spilled material in suitable containers for recovery or disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations.

## 7. HANDLING AND STORAGE

### HANDLING

#### **Advice on safe handling :**

- Use only in area provided with appropriate exhaust ventilation.

#### **Advice on protection against fire and explosion :**

- Dust explosively : sensitive
- Keep away from heat and sources of ignition.

### STORAGE

#### **Requirements for storage areas and containers :**

- Keep container tightly closed.
- Store in a place accessible by authorized persons only.
- Store in original container.

#### **Advice on common storage :**

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Personal Protection Equipment

#### Respiratory Protection

If product is handled while not enclosed, and if skin contact may occur: Dust mask

#### Hand Protection

PVC or nitrile rubber gloves

#### Eye protection

Safety glasses with side-shields

#### Hygiene measures

Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands before breaks



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and at the end of workday. Remove soiled or soaked clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed (burnt).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Powder
Color	Red
Odor	slight, specific odor
Flammability (solid, gas)	Not highly flammable.
Water Solubility	dispersible
Explosively	Not explosive

## 10. STABILITY AND REACTIVITY

### Hazardous Reactions

No hazardous reactions when stored and handled according to prescribed instructions.

## 11. TOXICOLOGICAL INFORMATION

Oral toxicity	LD50 (rat) 595 mg/kg
Inhalation toxicity	LC50 (rat) > 5,04 mg/l Exposure time: 4 h (as aerosol) Highest attainable concentration
Dermal toxicity	LD50 (rat) > 5.000 mg/kg
Skin irritation	non-irritant (rabbit)
Eye irritation	slight irritant effect - does not require labeling (rabbit)
Sensitization	Non-sensitizing (rabbit) OECD 406, Buehler test Test conducted with a similar formulation.

## 12. ECOLOGICAL INFORMATION

No Data Available.



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## 13. DISPOSAL CONSIDERATION

### Product

Dispose of by incineration in an authorized special waste incineration plant. Comply with local legislation. For larger quantities contact manufacturer.

## 14. TRANSPORT INFORMATION

None.

## 15. REGULATORY INFORMATION UNITED STATES

### R-phrases(s)

R22	Harmful if swallowed.
R52	Harmful to aquatic organisms.

## 16. OTHER INFORMATION

None.

## DISCLAIMER

All reasonable care has been exercised in processing your request for information on the chemical listed in this Material Safety Data Sheet. No warranty is made, either expressed or implied and Perisseuma Projects does not hold itself liable for any injury, illness, loss or misinterpretation arising from the use of this data. CHEMET WETS & FLOWS P.LTD makes no warranty expressed or implied in respect of the adequacy of this document for any particular purpose.

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