



SHREEJI PESTICIDES PVT. LTD
(A SUBSIDIARY OF WILLOWOOD CHEMICALS PVT. LTD)

Material safety data sheet IMIDACLOPRID 70% WG

1. IDENTIFICATION OF COMPANY & PRODUCT

Product Name : Imidacloprid 70% WG
Chemical Name : (E)-1-(6-chloro-3-pyridylmethyl)-N-nitroimidazolidin-2-ylideneamine
Uses : Insecticide

Molecular Formula : C₉H₁₀ClN₅O₂
Manufacturer : Shreeji Pesticides Pvt. Ltd.
Address : Plot No. 69/P, Village - Manjusar, Taluka - Savli, Dist. Vadodara - 391775
Gujarat, India :
Tele Fax Number 91 2667 264701

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Cas #	Percent Or Content(W/W)
Imidacloprid Technical	138261-41-3	70.00 %
Other ingredients	---	30.00 %

3. HEALTH HAZARDS IDENTIFICATION

Ingestion Harmful if swallowed.
Inhalation Avoid inhalation of dust.
Eye irritation Mild Irritant
Skin irritation May be harmful if absorbed through skin.

4. FIRST AID MEASURES

Eye contact: immediately flush with plenty of water or eyewash solution, occasionally opening eyelids, until no evidence of chemical remains. Remove contact lenses after a few minutes and flush again. Get medical attention if irritation develops.

Skin contact: Remove contaminated clothing and shoes. Wash with plenty of water and soap. Get medical attention if irritation develops.

Ingestion: Immediately dilute by drinking milk. If not available drink water. Do not induce vomiting. If vomiting occurs, drink fluids again. Call a doctor or get medical attention.



SHREEJI PESTICIDES PVT. LTD
(A SUBSIDIARY OF WILLOWOOD CHEMICALS PVT. LTD)

Material safety data sheet IMIDACLOPRID 70% WG

Inhalation: If experiencing any discomfort, immediately remove to fresh air and obtain medical advice if discomfort does not disappear.

Note to Physician: There is no specific antidote against this substance. Treatment is symptomatic and supportive.

5. FIRE FIGHTING MEASURES

Flammability : Not flammable.
Suitable extinguishing media : Foam, dry chemical, carbon dioxide.
Special firefighting procedures : Keep out of smoke. Fight fire from upwind position. Cool closed containers/tanks exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike area to prevent runoff and contamination of water sources. Wear self-contained breathing apparatus and full firefighting turn-out gear (Bunker gear).
Hazardous decomposition products : Thermal decomposition or combustion may produce gases such as hydrogen chloride, hydrogen cyanide, and oxides of carbon and nitrogen.

6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

In case of spills

Small spills: Sweep or vacuum up spillage and collect in suitable container for disposal.

Large spills: Prevent further leakage or spillage. Use approved industrial vacuum cleaner for removal. Shovel into suitable container for disposal.

7. HANDLING AND STORAGE

Handling Information Read label carefully before use. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove personal protective equipment (PPE) immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Keep children and pets off treated area until spray is dry.

Storage information Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco product in the storage area. Prevent eating,



SHREEJI PESTICIDES PVT. LTD
(A SUBSIDIARY OF WILLOWOOD CHEMICALS PVT. LTD)

Material safety data sheet IMIDACLOPRID 70% WG

drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and after handling.

Other precautions do not contaminate water, food, or feed by storage or disposal.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection all pesticide handlers must wear protective eyewear when working in a non-ventilated space or when applying termiticide by rodding or sub slab injection.

Skin protection Long-sleeved shirt, long pants, shoes plus socks. Chemical resistant footwear and overalls. Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile, neoprene rubber, polyvinyl chloride (PVC), or Viton.

Ingestion Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Breathing protection a respirator is not normally required when handling this substance. Use effective engineering controls to comply with occupational exposure limits.

Other protective clothing or equipment Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light brown Colour granules
Odour:	Mild odour
pH:	6-8
Water solubility:	Dispersible

10. STABILITY AND REACTIVITY

Stability	Stable at normal temperature and pressure.
Conditions to avoid	Avoid dust formation.



SHREEJI PESTICIDES PVT. LTD
(A SUBSIDIARY OF WILLOWOOD CHEMICALS PVT. LTD)

Material safety data sheet IMIDACLOPRID 70% WG

Hazardous polymerization will not occur

Hazardous decomposition products Thermal decomposition can lead to the release of carbon dioxide, nitrogen oxides, and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity LD₅₀ (Rats) 981 mg/kg

Acute Dermal Toxicity LD₅₀ (Rabbits) >5000 mg/kg

Acute Inhalation LC₅₀ (rats): >2.919 mg/L

Eye Irritation Rabbit: Non-irritant

Skin Irritant Rabbit: Non-irritant

Skin sensitization Guinea pig: Non-sensitizer

12. ECOLOGICAL INFORMATION

Birds Acute oral LC₅₀ for Japanese quail 31 mg/kg
Bobwhite quail 152 mg/kg
Dietary LC₅₀ (5 d) bobwhite quail 2225 mg/kg
Mallard ducks >5000 mg/kg

Fish LC₅₀ (96 h) for Golden orfe 237 mg/l,
Rainbow trout 211 mg/l

Bees Harmful to honey bees by direct contact, but no problems expected when not sprayed into flowering crop or when used as a seed treatment. LD₅₀ : 0.008 µg/bee

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Pesticide wastes may be acutely hazardous. Improper disposal is a violation of federal law. Pesticide, mixtures, or equipment rinse water that cannot be chemically reprocessed must be disposed of according to applicable federal, state or local regulations. Contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

Container disposal method Dispose of product containers, waste containers, and residues according to label instructions and local, state, and federal health and environmental regulations.



SHREEJI PESTICIDES PVT. LTD
(A SUBSIDIARY OF WILLOWOOD CHEMICALS PVT. LTD)

Material safety data sheet IMIDACLOPRID 70% WG

14. TRANSPORT INFORMATION

Rail/Road (RID/ADR)

Proper Shipper Name : PESTICIDE, SOLID, TOXIC N.O.S.
Class : 6.1
UN No. : 2588
Packing Group : III

Sea (IMDG – Code)

Proper Shipper Name : PESTICIDE, SOLID, TOXIC N.O.S.
Class : 6.1
UN No. : 2588
Packing Group : III
Marine pollutant : Yes

Air (ICAO/IATA)

Proper Shipper Name : PESTICIDE, SOLID, TOXIC N.O.S.
Class : 6.1
UN No. : 2588
Packing Group : III

Packing Instructions: Packing instructions on sea: P002/LP02 Packing instructions on air: Y619/619

15. REGULATORY INFORMATION

EU- Classification Hazard Symbol	Xn	Harmful
Risk Phrases (R-Phrases)	R22 R52/53	Harmful if swallowed Harmful to aquatic organisms, may cause long-term
Safety Advice (S- Phrases)	S61	adverse effects in the aquatic environment Avoid release to the environment. Refer to special instructions/safety data sheet
International WHO Toxicity Classification	II	Highly Toxic/hazardous



SHREEJI PESTICIDES PVT. LTD
(A SUBSIDIARY OF WILLOWOOD CHEMICALS PVT. LTD)

Material safety data sheet IMIDACLOPRID 70% WG

16. OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.

