

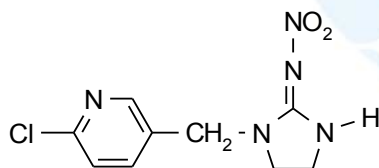
MATERIAL SAFETY DATA SHEET

LARVIN 70 WDG

SECTION 1: PRODUCT IDENTIFICATION

Product Name:	Imidacloprid 70% WDG
CAS:	119446-68-3
Chemical Name:	1-(6-chloro-3-pyridylmethyl)-N-nitroimidazolidin-2-ylideneamine
Molecular Weight:	255.7
Chemical Formulation:	C ₉ H ₁₀ ClN ₅ O ₂

Chemical Structure:



Company : Nanjing Essence Fine Chem Co. Ltd; Add:9th Floor,No.58 Nanhu Road, Nanjing, P.R.China; Post Code:210017; Tel:+86 25 86518999-819 Fax:+86 25 86455985

SECTION 2: COMPOSITION AND INGREDIENT INFORMATION

Imidacloprid:	70%
Other ingredient:	To 100%



SECTION 3: HEALTH HAZARD INFORMATION

Main hazard:	Harmful if swallowed. Harmful to aquatic organisms.
Reproductive hazard:	No effect at 250 mg/kg diet
Eye effects on eyes:	Not irritating
Health effects on skin:	Not irritating

SECTION 4: FIRST AID MEASURES

Eye Contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
Skin Contact:	Take off all contaminated clothing immediately. Wash off immediately with soap and plenty of water. If symptoms persist, call a physician. Wash contaminated clothing before re-use.
Inhalation:	Move to fresh air. If symptoms persist, call a physician.
Swallowing:	Do not induce vomiting. Rinse mouth. If conscious, drink plenty of water. If symptoms persist, call a physician.
Notes to physician:	Treat symptomatically.





SECTION 5: FIRE AND EXPLOSION INFORMATION

Extinguishing media:	Alcohol-resistant foam, carbon dioxide, dry chemicals, and water spray.
Special hazards:	In the event of fire, the formation of hydrogen chloride, hydrogen cyanide, carbon monoxide, sulphur dioxide and nitrogen oxides must be anticipated.
Flammable properties:	N/A
Hazardous decomposition products:	Wear respiratory protection. Well ventilated areas: full face mask with combination filter, e.g. ABEK-P2 (offers no protection from carbon monoxide!) Enclosed premises: respirator with independent air supply.





SECTION 6: ACCIDENTAL RELEASE MEASURES

General and disposal: Take all necessary actions to prevent and remedy the adverse effects of the spill. Ensure that disposal is in compliance with federal requirements and local disposal regulations. Notify the appropriate

Land spill and leak: authorities immediately.

Do not breathe the dust. Use a suitable dust respirator. Avoid contact with skin and eyes. Carefully sweep up the spilled product, avoiding formation of a dust cloud, and place it in a suitable container. Seal the container. The area can be washed with water to remove the last traces of the product, but keep out of watercourses or sewers. Inform authorities immediately if contamination occurs.



SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: It is essential to provide adequate ventilation. Ensure that control systems are properly designed and maintained. Only spark-resistant equipment should be used. Comply with occupational safety, environmental, fire and other applicable regulations.

Personal Protection: **Respiratory/Ventilation:** This material may be a respiratory irritant and, unless ventilation is adequate, the use of approved respiratory protection is recommended. Use this material only in well-ventilated areas.

Skin protection: Do not get on skin or clothing. Skin contact should be avoided by wearing protective clothing including chemical resistant gloves, long sleeved shirt, long pants, shoes and socks. Discard clothing and other absorbent materials that may have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User safety recommendation:

Users should:

Wash hands 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 PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

SECTION 10: STABILITY AND REACTIVITY INFORMATION

Chemical stability:	This product is stable. The active ingredient is stable under dark and cool storage conditions; it is also stable in acid and alkali.
Thermal stability:	May cause dust explosion
Incompatibility with other materials:	None known.
Hazardous decomposition product:	May decompose at extreme high temperatures to form oxides of carbon, nitrogen and sulfur. None known.
Hazardous polymerization:	

SECTION 11: TOXICOLOGICAL INFORMATION

Oral:	Acute oral LD 50 (Rat): Between 2500 mg/kg
Dermal:	Acute Dermal LD 50 (Rat): >5000 mg/kg
Inhalation:	Acute Inhalation: > 5.7 mg/L 4-hour

SECTION 12: ECOLOGICAL INFORMATION

Natural beneficial organs	No effect on various predators (Euseius stipulatus 300 mg/l; Phytoseiulus persimilis 700 mg/l; Cyrtorhinus lividipennis, Microvelia atrolineata 300 mg/l; Lycosa pseudoannulata 3000 mg/l) or parasites (Aphytis linganensis 150mg/l; Cales noacki, Encarsia formosa, Paracentrobia andoi 300 mg/l; Ephedrus japonicus 2000 mg/l).
Fish and aquatics:	Fish LC50 (96 h) for golden orfe 237, rainbow trout 211 mg/l. Daphnia LC50 (48 h) 85 mg/l. Algae ErC50 for Pseudokirchneriella subcapitata >100 mg/l.
Bee:	Harmful to honeybees by direct contact, but no problems expected when not sprayed into flowering crop or when used as a seed treatment.

EAST AFRICAN BUSINESS COMPANY LIMITED



P. O. Box: 29024 - 00100 Nairobi - Kenya
Office Line: +254 20 240 3391/+254 717 742 436 /+254 740 529 579
Email: info@eabusinesscompany.com, eabclimited@gmail.com
Skype: ksantosh

SECTION 13: DISPOSAL CONSIDERATIONS

Product Disposal: Check governmental regulations and local authorities for approved disposal of this material. Dispose in accordance with applicable laws and regulations.

Container Disposal: Triple rinse (or equivalent). Do not reuse container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

SECTION 14: TRANSPORT INFORMATION

UN:3077
Class: 9
PG: III

SECTION 15: REGULATORY INFORMATION

Symbols: Xn Harmful
R 22: Harmful if swallowed.
R 52: Harmful to aquatic organisms
S 22: Do not breathe dust.



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Office Line: +254 20 240 3391/+254 717 742 436 /+254 740 529 579
Email: info@eabusinesscompany.com, eabclimited@gmail.com
Skype: ksantosh

SECTION 16: OTHER INFORMATION

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