



CROP LIFE SCIENCE LTD.

Material safety data sheet IMIDACLOPRID 30.5 % SC

1. IDENTIFICATION OF COMPANY & PRODUCT

Product Name : Imidacloprid 30.5 % SC
Chemical Name : (E)-1-(6-chloro-3-pyridylmethyl)-N-nitroimidazolidin-2-ylideneamine
Brand Name : INTEREX
Users : A liquid insecticides concentrate for use as a termiticide
Molecular Formula : C₉H₁₀ClN₅O₂
Manufacturer : CROP LIFE SCIENCE LTD.
Address : Plot No. 5165, 5166, 5151, G.I.D.C., Ankleshwar-393002
Gujarat, India
Tele Fax Number : 91 2646 238479

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Cas #	Percent Or Content(W/W)
Imidacloprid	138261-41-3	30.5 %min
Water plus inert Ingredient	---	Balance

3. HEALTH HAZARDS IDENTIFICATION

Moderately irritant to skin.

Moderately Irritant to eyes.

Unlikely to present any acute hazard in inhalation in normal use.

Hazardous to marine and aquatic life.

4. FIRST AID MEASURES

SKIN CONTACT : Remove all contaminated clothes and shoes. Wash Off immediately with soap and plenty of water (15-20 minutes). Get medical attention immediately.

EYES CONTACT : Flush eyes with tap water for at least 15 min. Consultant ophthalmologist.

INHALATION : Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial respiration. Keep person warm and at rest. Treat symptomatically and supportively. Get medical attention immediately.



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INGESTION	: Drink 1 or 2 glasses of water. Induce vomiting by touching back of the throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Consult a physician.
SYMPTOMS	: Burning sensations on the skin, irritation of the mucous membranes, coughing and sneezing may be experienced.
Other Information	Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA Dry chemical, carbon dioxide, water spray or standard foam.

UNSUITABLE EXTINGUISHING High-pressure water jet media Special exposure Hazards. Do not release chemically contaminated water into drains, soil and Surface waters.

SPECIAL PROTECTIVE As for all fires involving chemicals: chemical protection suit, suitable Gloves equipment for firefighters and boots, and self-contained Breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS Use personal protective equipment.

METHODS FOR CLEANING UP Do not touch spilled material. Stop further spillage if you can do it without risk. For small spills, sweep and collect with sand and other absorbent material and place into containers for later disposal. Move containers from the spillage area. For larger spills, dike far ahead of spill for later disposal. Keep uninterested people away. Isolate hazard area and prevent entry of unwanted persons. Ventilate closed space.

ENVIRONMENTAL PRECAUTIONS Prevent contamination of water.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS Do not eat, drink or smoke when handling; wash hands before eating, drinking or smoking.

STORAGE Store in locked, well-ventilated storeroom, away from children and unauthorized personnel, and food and animal feed.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION	Provide local exhaust or general dilution ventilation.
RESPIRATORY PROTECTION	Wear a suitable mask
HAND PROTECTION	Wear rubber or plastic gloves
EYE PROTECTION	Wear splash-proof or dust-resistant safety goggles.
SKIN AND BODY PROTECTION	Wear overalls and closed footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	: liquid suspension
COLOUR	: White to off white
RELATIVE DENSITY (WATER =1)	: 1.10 gm/cm ³ (approx.)
RELATIVE VAPOUR PRESSURE	: NA
BOILING POINT/RANGE	: > 100°C
WATER SOLUBILITY	: Miscible
FLASH POINT	: NA

10. STABILITY AND REACTIVITY

STABILITY CONDITIONS TO AVOID	Stable under normal temperatures and pressure.
MATERIAL TO AVOID	No special precautions other than good housekeeping.
HAZARDOUS DECOMPOSITION	Strong-oxidizing agents. Thermal decomposition products may emit toxic fumes of hydrogen chloride and oxides of carbon.

11. TOXICOLOGICAL INFORMATION

ACUTE LD50 ORAL RAT	765 mg/kg B.W
ACUTE LD50 DERMAL RAT	>5000 mg/kg



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ACUTE LC50 INHALATION

RATS	>1752 mg/L (highest technical
(4 HRS)	producible concentration) four hour exposure.
EYE IRRITATION	Moderately irritant.
SKIN IRRITATION	Moderately irritant
SKIN SENSITIZATION	Non skin sensitizer
CARCINOGEN STATUS	Non carcinogenic
MUTAGENECITY	Non mutagenic
REPRODUCTIVE TOXICITY	Non Teratogenic
WHO CLASS	Product is unlikely to present any acute hazards in normal use.
EPA TOXICITY CLASS	Not applicable
ADI (MAN MG/KG)	Data not available

12. ECOLOGICAL INFORMATION

MLD CHICKEN	No proprietary data available.
MLD PIGEON	No proprietary data available
TOXICITY TO FISH	
96 HRS	No proprietary data available.
TOXICITY TO BEE	No proprietary data available

13. DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL	Burn in high temperature incinerator with effluent scrubbing or bury in a specially allocated landfill. Always dispose of in accordance with local regulations.
CONTAINER Disposal	contaminated packaging material should be treated as the product.

14. TRANSPORT INFORMATION

UN NUMBER	2588
IMDG CLASS	6.1
PACKAGING GROUP	III
PROPER SHIPPING NAME	Chloronicotinyl pesticide, liquid
SUBSIDIARY RISK	Not .Dangerous goods. For transport by rail or road.



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15. REGULATORY INFORMATION

HAZARD SYMBOL Dangerous for the environment symbol (N)
RISK PHRASES R 23/24/25, 36/38, 51, 55.
SAFETY PHRASES S 1/2, 3, 13, 23, 24/25, 28, 36/37/39.

16. OTHER INFORMATION

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment or work risk as required by other health and safety legislation.

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