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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Cas #</th>
<th>Percent Or Content(W/W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imidacloprid</td>
<td>138261-41-3</td>
<td>30.5 %min</td>
</tr>
<tr>
<td>Water plus inert Ingredient</td>
<td>---</td>
<td>Balance</td>
</tr>
</tbody>
</table>

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.
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 unconcerned 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.
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/cm³ (approx.)

RELATIVE VAPOUR PRESSURE: NA

BOILING POINT/RANGE: > 100°C

WATER SOLUBILITY: Miscible

FLASH POINT: NA

10. STABILITY AND REACTIVITY

STABILITY
Stable under normal temperatures and pressure.

CONDITIONS TO AVOID
No special precautions other than good housekeeping.

MATERIAL TO AVOID
Strong-oxidizing agents.

HAZARDOUS DECOMPOSITION
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
ACUTE LC50 INHALATION
RATS >1752 mg/L (highest technical producible concentration) four hour exposure.

EYE IRRITATION Moderately irritant.
SKIN IRRITATION Moderately irritant
SKIN SENSITIZATION Non skin sensitizer
CARCINOGEN STATUS Non carcinoenic
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.
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.