

# MATERIAL SAFETY DATA SHEET

## MAGISTER 10 EC

- 1 **COMPANY IDENTIFICATION**
- 2 **CHEMICAL IDENTITY**

|  |                                    |                                     |
|--|------------------------------------|-------------------------------------|
| <b>DE-NOCIL CROP PROTECTION LIMITED Reg. Office :</b><br>I Floor, Administration Building, Pirojsha Nagar, Eastern Express Highway, Vikhroli (East), MUMBAI 400 079<br><br>Phone : 91-22-518 8666 , Fax : 91-22-518 8506 | <b>Contact Person In Emergency</b> | EHS Delivery Leader , Lote Plant    |
|  | <b>Local Bodies Involved</b>       | The District Collector              |
|  | <b>Standard Packing</b>            | PET bottles, Liqueur lined MS drums |
| <b>PLANT :</b> A-1, Lote-Parshuram Industrial Area, Lote, Taluka - Khed, Dist.- Ratnagiri. 415 722. Tel. (02356) 72046 , Fax - (02356) 72310 ; (02356) 72042   | <b>Tremcard Details / Ref.</b>     | Relevant DE-NOCIL Tremcard          |
|  | <b>Others</b>                      |                                     |

|                              |  |                           |             |
|------------------------------|--|---------------------------|-------------|
| <b>Chemical Name</b>         | 4-[2-(4-(1,1-Dimethylethyl)phenyl)ethoxy]quinazolin. | <b>Trade Name</b>         | MAGISTER EC |
| <b>Synonyms</b>              | Magister   | <b>Chemical</b>           | Acaricide   |
| <b>Chemical Formula</b>      | C <sub>20</sub> H <sub>22</sub> N <sub>2</sub> O     | <b>Classification</b>     |             |
| <b>U. N. Number</b>          | 2903   | <b>CAS Number</b>         |             |
| <b>HAZCHEM code (E.A.C.)</b> |  | <b>U. N. Hazard Class</b> |             |
|                              |  | <b>ADR H.I.N.</b>         |             |

**REGULATED IDENTIFICATION** | **HAZARDOUS INGREDIENTS** | **CAS No.**

Poison Fenazaquin

120928-09-8

**Shipping Name Shipping Code/ Label Hazardous Waste ID No. Uses :** -Acaricide

- 1 **PHYSICAL AND CHEMICAL DATA**
- 2 **FIRE AND EXPLOSION HAZARD DATA**
- 3 **REACTIVITY DATA**

|  |         |  |                |                              |             |
|--|---------|--|----------------|------------------------------|-------------|
| <b>Boiling Point/Range °C</b>              | DNA     | <b>Physical State</b>                    | Liquid         | <b>Appearance</b>            | Clear Brown |
| <b>Melting/Freezing Point °C</b>           | DNA     | <b>Vapour Pressure at 20 °C , mm Hg.</b> | DNA            | <b>Odor</b>                  |             |
| <b>Vapour Density (Air=1)</b>              | DNA     | <b>Solubility in water at 30 °C</b>      | Forms Emulsion | <b>Other Information : -</b> |             |
| <b>Specific Gravity at 20°C; Water = 1</b> | 0.9-1.0 | <b>pH</b>                                | Not Pertinent  |                              |             |

|  |     |  |     |                                 |               |
|--|-----|--|-----|---------------------------------|---------------|
| <b>Flash Point °C CC OC</b>            | 55  | <b>Flammability LEL % v UEL % v</b>                | DNA | <b>TDG Flammability</b>         | Not Pertinent |
| <b>Explosion sensitivity to impact</b> | No  | <b>Explosion Sensitivity to Static Electricity</b> | Yes | <b>Auto ignition Temp.</b>      | DNA           |
| <b>Combustible Material</b>            | Yes | <b>Explosive Material</b>                          | No  | <b>Hazardous Polymerization</b> | No            |
| <b>Flammable Material</b>              | Yes | <b>Oxidizer</b>                                    | No  | <b>Corrosive Material</b>       | No            |
| <b>Pyrophoric Material</b>             | No  | <b>Organic Peroxide</b>                            | No  | <b>Other Information :-</b>     |               |
| <b>Hazardous Combustion Products</b>   | DNA |  |     |                                 |               |

|  |  |
|--|--|
| <b>Chemical Stability</b>                  | Stable under normal conditions                     |
| <b>Incompatibility With Other Material</b> | Strong Alkaline / acidic and oxidizing substances. |
| <b>Reactivity</b>                          | Degradation by photolysis and photo-degradation.   |
| <b>Hazardous Reaction Products</b>         | None.  |

|                                   |  |             |
|-----------------------------------|--|-------------|
| Written By :- U.R. Joshi          | DE-NOCIL CONFIDENTIAL                  | Revision 00 |
| Checked By :- EHS Delivery Leader | Date :- 01 <sup>st</sup> February 2001 | Page 1 of 2 |

## MAGISTER 10 EC

- 1 **HEALTH HAZARD DATA**
- 2 **PREVENTIVE MEASURES**

|                                       |   |                           |                         |                       |
|---------------------------------------|---|---------------------------|-------------------------|-----------------------|
| <b>Route Of Entry</b>                 | 1. Absorption through Skin 2. Inhalation 3. Ingestion                       |                           |                         |                       |
| <b>Effects Of Exposure / Symptoms</b> | Irritation of eyes, Non irritant to skin. No adverse effects by inhalation. |                           |                         |                       |
| <b>Emergency Treatment</b>            | Refer section 8 for first aid. <b>Obtain medical attention immediately.</b> |                           |                         |                       |
| <b>Permissible Exposure Limits</b>    | <b>TLV-TWA(ACGIH)</b>   | Skin DNA                  | <b>STEL(ACGIH)</b>      | DNA                   |
| <b>LD50 Oral Rat : DNA</b>            | <b>IDLH</b>   | DNA                       | <b>Odor threshold</b>   | DNA                   |
| <b>NFPA Hazard Signals</b>            | <b>Health -(3)</b>  | <b>Flammability - (2)</b> | <b>Reactivity - (1)</b> | <b>Special - (--)</b> |

Use PVC or Rubber gloves, gumboots, goggles / face shield and overalls. Use

### PERSONAL PROTECTIVE

breathing apparatus if required.

### EQUIPMENTS

Store in cool, clean, ventilated, fireproof storage area. Keep away from heat,

**HANDLING AND** spark, open flame and incompatible materials. (Strong oxidizing agents ). Protect containers against physical damage.

### STORAGE PRECAUTIONS

## 8. EMERGENCY AND FIRST AID MEASURES

|                                  |   |
|----------------------------------|---|
| <b>FIRE</b> (Class Of Fire : A ) |   |
| <b>Fire Extinguishing Media</b>  | Foam or dry agent (CO <sub>2</sub> , Dry chemical powder) |
| <b>Special Procedures</b>        | Use breathing apparatus.                                  |
| <b>Unusual Hazard</b>            | Nil   |

### EXPOSURE

**Eyes** : Flush with plenty of water for at-least 15 min.**Skin** : Remove contaminated clothing and wash affected part with Soap and water

### First Aid Measures

**Inhalation** : Remove victim to fresh air. If not breathing, give artificial respiration.  
**Ingestion** : If conscious have victim drink water or milk. Do not induce vomiting. **Obtain Medical Attention Immediately**

### Antidotes / Dosage SPILLS

Stop leak if safe to do so. Contain spillage. Absorb in sawdust or sand for disposal. Eliminate all sources of

ignition. Cordon off area. Stay upwind. Use personal protective equipment.

**Steps To Be**

**Taken Waste Disposal**

Incinerate.

**Method**

**9. ADDITIONAL INFORMATION / REFERENCES**

| <b>ECOLOGICAL INFORMATION</b> |  |
|-------------------------------|--|
| <b>Eco-toxicity</b>           | Material is highly toxic to fish. LC 50 = Less than 0.1 mg/L |
| <b>Persistence</b>            | DNA  |
| <b>OTHER INFORMATION</b>      | <b>DNA</b>   |

**10. REFERENCES (For Obtaining More Information)**

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|--|--|

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