

**Cyantraniliprole 200SC MUP**

Version 1.0

Revision Date 02/01/2018

Ref. 130000137409

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Cyantraniliprole 200SC MUP  
Tradename/Synonym : Cyazypyr™ 20 SC  
DPX-HGW86 20 SC  
DPX-HGW86 200 g/l SC  
DPX-HGW86 Aqueous 20 SC  
Cyantraniliprole: 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide

Product Use : Insecticide

Restrictions on use : Do not use product for anything outside of the above specified uses  
Manufacturer/Supplier : FMC Corporation  
2929 Walnut Street  
Philadelphia, PA 19104, USA  
(215) 299-6000 (General Information)  
msdsinfo@fmc.com (E-Mail General Information)

Medical Emergencies : 1 800 / 331-3148 (U.S.A. & Canada)  
1 651 / 632-6793 (All Other Countries - Collect)

For leak, fire, spill or  
accident emergencies, call : 1 800 / 424 9300 (CHEMTREC - U.S.A.)  
1 703 / 741-5970 (CHEMTREC - International)  
1 703 / 527 3887 (CHEMTREC - Alternate)

**SECTION 2. HAZARDS IDENTIFICATION**

Not classified as a hazardous substance or mixture according to the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard 2012.

**Other hazards**

No applicable data available.

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**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Component         | CAS-No.     | Concentration |
|-------------------|-------------|---------------|
| Cyantraniliprole  | 736994-63-1 | 18.66 %       |
| Other Ingredients |             | 81.34 %       |

**SECTION 4. FIRST AID MEASURES**

|  |  |
|--|--|
| General advice                                     | : Have the product container or label with you when calling a poison control center or doctor, or going for treatment.<br>See Section 1 for emergency phone numbers.<br>See Label for Additional Precautions and Directions for Use. |
| Inhalation   | : No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.   |
| Skin contact                                       | : The material is not likely to be hazardous by skin contact, but cleaning the skin after use is advisable. Consult a physician if necessary.  |
| Eye contact  | : No specific intervention is indicated as the compound is not likely to be hazardous. If in eyes, rinse with water for 15 minutes. Consult a physician if necessary.  |
| Ingestion  | : No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.   |
| Most important symptoms/effects, acute and delayed | : No applicable data available.  |
| Protection of first-aiders                         | : No applicable data available.  |
| Notes to physician                                 | : No applicable data available.  |

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**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Water spray, Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : High volume water jet, (contamination risk)
- Specific hazards : No applicable data available.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
- Further information : (on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers/tanks with water spray.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

- Safeguards (Personnel) : Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes and clothing.
- Environmental precautions : Prevent material from entering sewers, waterways, or low areas.
- Spill Cleanup : Soak up with sawdust, sand, oil dry or other absorbent material. Dispose of in an approved container. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum.
- Accidental Release Measures : No applicable data available.

**SECTION 7. HANDLING AND STORAGE**

- Handling (Personnel) : No applicable data available.
- Handling (Physical Aspects) : Keep away from heat and sources of ignition.

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Dust explosion class : No applicable data available.

Storage : Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Not for use or storage in or around the home. Keep out of the reach of children.

Storage period : No applicable data available.

Storage temperature : > 0 °C (> 32 °F)

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering controls : Ensure adequate ventilation, especially in confined areas.

Personal protective equipment  
Protective measures : Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Exposure Guidelines  
Exposure Limit Values

|                  |       |                     |            |
|------------------|-------|---------------------|------------|
| Cyantraniliprole |       |                     |            |
| AEL *            | (FMC) | 3 mg/m <sup>3</sup> | 8 hr. TWA  |
| AEL *            | (FMC) | 2 mg/m <sup>3</sup> | 12 hr. TWA |

\* AEL is FMC's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance

Physical state : liquid

Form : liquid, suspension

Color : white

Odor : odourless

Odor threshold : No applicable data available.

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|  |   |
|--|---|
| pH                                     | : 6 - 8   |
| Melting point/range                    | : No applicable data available.                 |
| Boiling point/boiling range            | : Boiling point/boiling range<br>98 °C (208 °F) |
| Flash point                            | : No flash up to boiling point.                 |
| Evaporation rate                       | : No applicable data available.                 |
| Flammability (solid, gas)              | : The product is not flammable.                 |
| Upper explosion limit                  | : No applicable data available.                 |
| Lower explosion limit                  | : No applicable data available.                 |
| Vapour Pressure                        | : No applicable data available.                 |
| Vapour density                         | : No applicable data available.                 |
| Density                                | : 1.0 - 1.2 g/cm3                               |
| Specific gravity (Relative density)    | : No applicable data available.                 |
| Water solubility                       | : No applicable data available.                 |
| Solubility(ies)                        | : No applicable data available.                 |
| Partition coefficient: n-octanol/water | : No applicable data available.                 |
| Auto-ignition temperature              | : No applicable data available.                 |
| Decomposition temperature              | : No applicable data available.                 |
| Viscosity, kinematic                   | : No applicable data available.                 |
| Viscosity, dynamic                     | : No applicable data available.                 |

**SECTION 10. STABILITY AND REACTIVITY**

|            |                                 |
|------------|---------------------------------|
| Reactivity | : No applicable data available. |
|------------|---------------------------------|

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|                                    |   |
|------------------------------------|---|
| Chemical stability                 | : Stable at normal temperatures and storage conditions. |
| Possibility of hazardous reactions | : No applicable data available.                         |
| Conditions to avoid                | : Protect from frost.                                   |
| Incompatible materials             | : No applicable data available.                         |
| Hazardous decomposition products   | : No applicable data available.                         |

**SECTION 11. TOXICOLOGICAL INFORMATION**

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|                     |  |
|---------------------|--|
| Inhalation 4 h LC50 | : > 3.7 mg/l , Rat   |
| Dermal LD50         | : > 5,000 mg/kg , Rat  |
| Oral LD50           | : > 5,000 mg/kg , multiple species   |
| Skin irritation     | : No skin irritation, Rabbit   |
| Eye irritation      | : No eye irritation, Rabbit  |
| Sensitisation       | : Animal test did not cause sensitization by skin contact., multiple species |

## Carcinogenicity

The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition).

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

**SECTION 12. ECOLOGICAL INFORMATION**

|                                   |  |
|-----------------------------------|--|
| Additional ecological information | : Environmental Hazards: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without |
|-----------------------------------|--|

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previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**SECTION 13. DISPOSAL CONSIDERATIONS**

- Waste disposal methods - Product : Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
- Waste disposal methods - Container : Container Refilling and Disposal:  
Refer to the product label for instructions.  
Do not transport if this container is damaged or leaking.  
See Section 1 for emergency phone numbers.
- Contaminated packaging : No applicable data available.

**SECTION 14. TRANSPORT INFORMATION**

- |        |                      |  |
|--------|----------------------|--|
| IATA_C | UN number            | : 3082   |
|        | Proper shipping name | : Environmentally hazardous substance, liquid, n.o.s. (Cyantraniliprole) |
|        | Class                | : 9  |
|        | Packing group        | : III  |
|        | Labelling No.        | : 9MI  |
| IMDG   | UN number            | : 3082   |
|        | Proper shipping name | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cyantraniliprole) |
|        | Class                | : 9  |
|        | Packing group        | : III  |
|        | Labelling No.        | : 9  |
|        | Marine pollutant     | : yes (Cyantraniliprole)   |

Not regulated as a hazardous material by DOT.

**SECTION 15. REGULATORY INFORMATION**

- Other regulations : This Safety Data Sheet is for a pesticide product registered by the US

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Environmental Protection Agency (USEPA) and is therefore also subject to certain labeling requirements under US pesticide law (FIFRA). These requirements differ from the classification criteria and hazard information required by OSHA for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the mandatory hazard information required by USEPA on the pesticide label:

This product has no known adverse effect on human health.

- |  |   |  |
|--|---|--|
| SARA 313 Regulated Chemical(s)         | : | This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.  |
| PA Right to Know Regulated Chemical(s) | : | Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances):<br>Propane-1,2-diol  |
| EPA                                    | : | In the United States this product is regulated by the US Environmental Protection Agency (EPA) under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA. |

**SECTION 16. OTHER INFORMATION**

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