

SAFETY DATA SHEET (SDS)

TITLE: CHLORANTRANILIPROLE 200 SC

1.0 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier

Identification on the label / Trade name : CIBA CHLORANTRANILIPROLE 200 SC
Common Name : Chlorantraniliprole 200 g/L (EC)
Index Number : N/A
REACH registration No. : N/A

1.2 Relevant identified uses of the substance and uses advised against:

Insecticide

1.3 Details of the Manufacturer / Supplier of the safety data sheet:

Supplier CIBA AGRIPHARMA SARL
78 Boulevard Haussmann
75008 Paris , France
Tel Tel: +33 6 51 39 90 00
E-mail administration@ciba- agripharma.com
Webpage www. ciba- agripharma.com

1.4 Emergency Phone Number (24 hours)

+33 6 51 39 90 00

2.0 HAZARDS IDENTIFICATION

Potential Health Effects

Eyes

Chlorantraniliprole : May cause: transient irritation with discomfort

Carcinogenicity

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.

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Chlorantraniliprole	500008-45-7	18.4 %
Other Ingredients		81.6 %

4.0 FIRST AID MEASURES

- Skin contact : The material is not likely to be hazardous by skin contact, but cleaning the skin after use is advisable.
- Eye contact : The material is not likely to be hazardous by eye contact, but flushing the eye if contact occurs is advisable. Consult a physician if necessary.
- Inhalation : No specific intervention is indicated as the compound is not likely to be hazardous. 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.
- General advice : Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
For medical emergencies involving this product, call toll free 1-800-441-3637.
See Label for Additional Precautions and Directions for Use.

5.0 FIRE – FIGHTING MEASURES

- Flammable Properties
Flash point : No flash up to boiling point.
- Fire and Explosion Hazard : The product is not flammable.

- Suitable extinguishing media : Water spray, Foam, Dry chemical, Carbon dioxide (CO₂)
- Unsuitable extinguishing media : High volume water jet, (contamination risk)
- Firefighting Instructions : In the event of fire, wear self-contained breathing apparatus. Wear full protective equipment.
(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.
Control Runoff.

6.0 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. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Wear suitable protective equipment.
- 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 : Prevent material from entering sewers, waterways, or low areas.
Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

7.0 HANDLING AND STORAGE

- Handling (Personnel) : Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if material gets inside. Wash thoroughly and put on clean clothing.
- Handling (Physical Aspects) : The product is not flammable.

- Storage : Store in original container. Keep containers tightly closed in a cool, well-ventilated place. 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 temperature : > 0 °C (> 32 °F)

8.0 EXPOSURE CONTROL/PERSONAL PROTECTION

- Engineering controls : Use only with adequate ventilation.
- Personal protective equipment
- Respiratory protection : See skin and body protection
- Hand protection : Additional protection: See skin and body protection
- Eye protection : See skin and body protection
- Skin and body protection : Applicators and other handlers must wear:
Long sleeved shirt and long pants
Shoes plus socks
Applicators and other handlers of the diluted material must wear: shirt, pants, socks and shoes.
Personal protective equipment required for early entry:
Long sleeved shirt and long pants
Shoes plus socks
- 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

Chlorantraniliprole AEL *	10 mg/m ³	8 & 12 hr. TWA Total dust.
AEL *	5 mg/m ³	8 & 12 hr. TWA Respirable dust.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid, suspension
Color	: white
Odor	: alcohol-like
pH	: 5 - 9 at 10 g/l
Oxidizing Substance	: The product is not oxidizing.
Specific gravity	: 1.08 - 1.10
Water solubility	: dispersible
Solubility(ies)	: slightly soluble
Viscosity	: 400 - 800 mPa.s 30 rpm

10.0 STABILITY AND RELIABILITY

Stability	: Stable at normal temperatures and storage conditions.
Incompatibility	: No materials to be especially mentioned.
Hazardous decomposition products	: Nitrogen oxides, carbon monoxide and unidentified organic compounds may be formed upon combustion.
Hazardous reactions	: Polymerization will not occur.

11.0 TOXICOLOGICAL INFORMATION

Inhalation 4 h LC50	: > 2 mg/l , Rat
Dermal LD50	: > 5,000 mg/kg , Rat
Oral LD50	: > 5,000 mg/kg , Rat
Skin irritation	: No skin irritation, Rabbit
Eye irritation	: No eye irritation, Rabbit

Carcinogenicity	:	Animal testing did not show any carcinogenic effects. Not classifiable as a human carcinogen.
Mutagenicity	:	Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
Reproductive toxicity	:	No toxicity to reproduction Animal testing showed no reproductive toxicity.
Teratogenicity	:	Animal testing showed no developmental toxicity.

12.0 ECOLOGICAL INFORMATION

Aquatic Toxicity		
96 h LC50	:	Lepomis macrochirus (Bluegill sunfish) > 9.9 mg/l
72 h ErC50	:	Pseudokirchneriella subcapitata (green algae) > 20 mg/l
48 h EC50	:	Daphnia magna (Water flea) 0.035 mg/l
Additional ecological information	:	Environmental Hazards: Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. See product label for additional application instructions relating to environmental precautions.

13.0 DISPOSAL CONSIDERATIONS

Waste Disposal	:	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.
Container disposal:	:	Refer to the product label for instructions. Do not transport if this container is damaged or leaking.

14.0 TRANSPORT INFORMATION

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

Not regulated by TDG when transported solely on land by road or railway vehicle.

Marine Pollutants assigned UN number 3077 and 3082 in single or combination packaging containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 KG or less for solids may be transported as non-dangerous goods as provided in section 2.10.2.7 of IMDG code, IATA special provision A197, and ADR/RID special provision 375.

15.0 REGULATORY INFORMATION

PCP Registration # : 28982
Remarks : Regulated under the Pest Control Products Act - WHMIS exempt.

16.0 OTHER INFORMATION

The information contained herein relates only to the specified material identified. CIBA AGRIPHARMA believes that such information is accurate and reliable as of the data of this material safety data sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. CIBA AGRIPHARMA urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.