



Chlorantraniliprole 200 SC

Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

SDS reference: INDIA

Issue date: 11/9/2021 Revision date: 6/29/2022 Supersedes: 3/29/2022 Version: 2.0

SECTION 1: Identification

1.1. GHS Product identifier

Product form : Mixture
Name : Chlorantraniliprole 200 SC
CTPR 200 SC

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Insecticide

1.4. Supplier's details

UPL Limited
CTS No. 610 B/2, Bandra Village,
Off Western Express Highway, Behind Teacher's Colony,
IN- Bandra (East) Mumbai, 400051 – Maharashtra
India
T +91-(022) 7152 8000

1.5. Emergency phone number

Emergency number : This SDS is listed with CHEMTREC. Country specific CHEMTREC emergency numbers stated below are operational 24X7.

Country	Organisation/Company	Emergency number	Comment
India	CHEMTREC	000 800 1007 141	Toll Free
China	CHEMTREC	400 120 4937	Local Number
Hong Kong	CHEMTREC	800 968 793	Toll Free
Japan	CHEMTREC	0800-300-5842	Toll Free
Malaysia	CHEMTREC	+60 3-9212 5794	Local Number
Malaysia	CHEMTREC	1-800-81-5308	Toll Free
Philippines	CHEMTREC	+63 2 8 395 3308	Local Number
Philippines	CHEMTREC	1800 1 116 1020	Toll Free
Taiwan	CHEMTREC	+886 2 7741 4207	Local Number
Taiwan	CHEMTREC	00801-14-8954	Toll Free
Thailand	CHEMTREC	001-800-13-203-9987	Toll Free

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

Flammable liquids Not classified

Acute toxicity (inhalation:dust,mist) Not classified

Hazardous to the aquatic environment – Acute Hazard, Category 1 H400

Hazardous to the aquatic environment – Chronic Hazard, Category 1 H410

Full text of H-statements: see section 16

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Adverse physicochemical, human health and environmental effects : To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice

2.2. GHS Label elements, including precautionary statements

Labelling according to the United Nations GHS

Hazard pictograms (GHS UN) :



Signal word (GHS UN) :

Warning

Hazard statements (GHS UN) :

H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements (GHS UN) :

P273 - Avoid release to the environment.

P391 - Collect spillage.

P501 - Dispose of contents and container to an approved waste disposal plant, hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
chlorantraniliprole	CAS-No.: 500008-45-7	20

Full text of H-statements: see section 16

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

No additional information available

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

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5.3. Special protective actions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Protective gloves
Eye protection : Safety glasses
Skin and body protection : Wear suitable protective clothing
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment
Personal protective equipment symbol(s)



8.4. Exposure limit values for the other components

No additional information available

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SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Colour	: Off-white.
Odour	: Not available
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability (solid, gas)	: Not applicable
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: 99.2 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 4 – 7
pH solution	: Not available
Viscosity, kinematic (calculated value) (40 °C)	: 249.6
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: 1.09
Relative vapour density at 20 °C	: Not available
Solubility	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle specific surface area	: Not applicable

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified.

Chlorantraniliprole 200 SC	
LD50 oral	> 5000 mg/kg
LD50 dermal	> 2000 mg/kg
LC50 Inhalation - Rat	5.773 mg/l
ATE UN (vapours)	5.773 mg/l/4h
ATE UN (dust,mist)	5.773 mg/l/4h

Chlorantraniliprole (500008-45-7)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 Inhalation - Rat	> 5.1 mg/l/4h

Skin corrosion/irritation : Slightly irritant but not relevant for classification
pH: 4 – 7
Serious eye damage/irritation : Not classified
pH: 4 – 7
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

Chlorantraniliprole 200 SC	
Viscosity, kinematic	249.6

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

Chlorantraniliprole 200 SC	
LC50 - Fish	190.985 mg/l/48h zebrafish
NOEC chronic fish	125 mg/l

Chlorantraniliprole (500008-45-7)	
LC50 - Fish	> 12 mg/l/96h (Sheepshead minnow)
EC50 - Crustacea	0.0116 mg/l/48h (Daphnia magna)
ErC50 algae	> 2 mg/l (120 h, Pseudokirchneriella subcapitata)
NOEC chronic fish	0.11 mg/l (90 days, Rainbow trout)

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Chlorantraniliprole (500008-45-7)	
NOEC chronic crustacea	0.00447 mg/l (21 days, Daphnia magna)

12.2. Persistence and degradability

Chlorantraniliprole 200 SC	
Persistence and degradability	No additional information available

Chlorantraniliprole (500008-45-7)	
Persistence and degradability	Not readily biodegradable.

12.3. Bioaccumulative potential

Chlorantraniliprole 200 SC	
Bioaccumulative potential	No additional information available

Chlorantraniliprole (500008-45-7)	
BCF - Fish [1]	15
Partition coefficient n-octanol/water (Log Kow)	pH 4: 2.77 - pH 7: 2.86 - pH 9: 2.80 (20 °C)

12.4. Mobility in soil

Chlorantraniliprole 200 SC	
Mobility in soil	No additional information available

Chlorantraniliprole (500008-45-7)	
Surface tension	72.54 – 72.66 mN/m (90% saturated aqueous solution, 19,5-20,5 °C)

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information



In accordance with IMDG / IATA

IMDG	IATA
14.1. UN number	
3082	3082
14.2. UN Proper Shipping Name	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorantraniliprole)	Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole)
14.3. Transport hazard class(es)	
9	9

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IMDG	IATA
	
14.4. Packing group	
III	III
14.5. Environmental hazards	
Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes
No supplementary information available	

14.6. Special precautions for user

IMDG

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS
Stowage category (IMDG)	: A

IATA

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197, A215
ERG code (IATA)	: 9L

14.7. Transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

SECTION 16: Other information

Issue date	: 09/11/2021
Revision date	: 29/06/2022
Supersedes	: 29/03/2022

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Full text of H-statements:	
H313	May be harmful in contact with skin
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), UN

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.