	GSP Crop Science Ltd
	SAFETY DATA SHEET According to GHS Revision 10
	Cyantraniliprole Technical

Version: 02	Revision Date: 13.12.2025	This version replaces all previous versions

SECTION 1: Identification of the substance or mixture and of the supplier		
1.1 Product identifier		
Product	:	Cyantraniliprole Technical
Substance/mixture	:	Substance
1.2 Other means of identification		
CAS No.	:	736994-63-1
1.3 Recommended use of the chemical and restrictions on use		
Identified uses	:	Insecticide
Use advised against	:	No data available
1.4 Supplier's details		
Name	:	GSP Crop Science Limited
Address	:	404, Lalita Complex, Rasala Road, Mithakhali Six Road, Navrangpura, Ahmedabad- 380009, Gujarat, India.
Phone number	:	+91-79 26466580
Email address	:	info@gspcrop.in
1.5 Emergency phone number		
	:	+91 79 22900451 +91 79 61915111 +91 79 61915151 **Timing:** IST 9 :30 to 17:30 hrs.
SECTION 2: Hazards identification		
2.1 GHS classification of the substance/mixture		
Hazard Category	:	Aquatic Acute Category 1 Aquatic Chronic Category 1
2.2 GHS label elements		
Hazard Pictograms	:	
Signal Word	:	Warning
Hazard Statements	:	H410 Very toxic to aquatic life with long lasting effects
Supplement Hazard statements	:	--
Precautionary Statements		
Prevention	:	P273 Avoid release to the environment.
Response	:	P301 + P317 IF SWALLOWED: Get medical help P302 + P317 IF ON SKIN: Get medical help P391 Collect spillage
Storage & Disposal	:	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with

		applicable laws and regulations, and product characteristics at time of disposal.
2.3 Other hazards which do not result in classification or are not covered by the GHS.		
	:	No data available
SECTION 3 : Composition/information on ingredients		
3.1 Substance:		
3.2 Hazardous components of Mixture: NA		

Chemical name/ Common Name	Content % (w/w)	CAS Number	Classification	Hazard statements
Cyantraniliprole	>95.2	736994-63-1	Aquatic Acute Aquatic Chronic	H400 H410
Other Non-hazardous components	4.8	-	None	None

SECTION 4: First aid measures		
4.1 Description of first aid measures		
General advice	:	Have the product container, label or Safety Data Sheet with you when calling the emergency number, a poison control center or physician, or going for treatment.
If inhaled	:	Supply fresh air, rest. If breathing is irregular, administer artificial respiration. Call a Physician.
In case of skin contact	:	Remove contaminated clothes. Rinse and then wash off the skin with plenty of water and soap.
In case of eye contact	:	Immediately flush with plenty of water. Remove any contact lenses and continue flushing for 15 minutes keeping the eyes wide open. If symptoms persist, call a Physician.
If swallowed	:	Rinse mouth. Do NOT induce vomiting. Refer for medical attention. If symptoms persist, call a Physician.
4.2 Most important symptoms and effects, both acute and delayed		
Symptoms	:	Nonspecific. No further relevant information available.
4.3 Indication of any immediate medical attention and special treatment needed		
Treatment	:	No specific antidote available. Treat symptomatically.
SECTION 5: Firefighting measures		
5.1 Extinguishing media		
Suitable Extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
5.2 Specific hazards arising from the chemical		
Specific hazards during firefighting	:	As the product contains combustible organic ingredients, fire will produce dense black smoke containing hazardous products of combustion. Exposure to decomposition products may be a hazard to health.
5.3 Special protective actions for fire-fighters		
Advice for firefighters	:	In the event of fire, do not breathe fumes.

		Do not attempt to take action without suitable protective equipment, self-contained breathing apparatus & complete protective clothing.
Further information	:	Do not allow run-off from fire fighting to enter drains or water courses.
SECTION 6: Accidental release measures		
6.1 Personal precautions, protective equipment and emergency procedures		
Personal precautions	:	Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing fume. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from spill/ fumes. For emergency responders: 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		
Environmental precautions	:	Prevent further leakage or spillage if safe to do so. Try not to let this chemical enter the environment. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.
6.3 Methods and material for containment and cleaning up		
Handling and storage	:	Store and dispose of according to local regulations.
Methods for cleaning up	:	Collect spilled liquid with non-combustible absorbent material. Clean contaminated surface thoroughly. Clean with detergents. Avoid solvents.
SECTION 7: Handling and storage		
7.1 Precautions for safe handling		
Advice on safe handling	:	No special protective measures against fire required. Avoid contact with skin and eyes. 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.		
Requirements for storage areas and containers	:	Keep in a well-ventilated room. Store in original tightly closed container. Keep out of reach of the children. Do not contaminate water, food, or feed by storage or disposal.
SECTION 8: Exposure controls/personal protection		
8.1 Control parameters		
Occupational Exposure limit values	:	No data available
Biological limit values	:	No data available
8.2 Appropriate engineering controls		

Engineering measures	:	Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.
8.3 Individual protection measures		
Eye Protection	:	Wear safety spectacles or eye protection.
Hand Protection	:	Protective gloves made of plastic or rubber. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin and body protection	:	Wear protective clothing, including boots, gloves, lab coat, apron or cover all, as appropriate to avoid skin contact.
Respiratory Protection	:	Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release.
SECTION 9: Physical and chemical properties		
i. Appearance (physical state, color)	:	White powder
ii. Odor	:	Odorless
Iii. Odor threshold	:	No data available
iv. pH	:	5.0-8.0
v. Melting point/freezing point	:	217-219 °C
vi. Initial boiling point and boiling range	:	Not applicable
vii. Flash point	:	Not applicable
viii. Evaporation rate	:	No data available
ix. Flammability (solid, gas)	:	Nor highly flammable
x. Upper/lower flammability or explosive limits	:	No data available
xi. Vapor pressure	:	5.133×10^{-15} Pa (20 °C) 1.787×10^{-14} Pa (25 °C)
xii. Vapor density	:	No data available
xiii. Relative density	:	Density: 1.3835 at 20°C
xiv. Solubility(ies)	:	In water: 14.24 mg/L at 20°C In organic solvent: acetone 6.54 g/L ethyl acetate 1.96 g/L dichloromethane 5.05 g/L n-octanol 0.79 g/L methanol 4.73 g/L n-hexane 0.00007 g/L o-xylene 0.29 g/L acetonitrile 2.45 g/L
xv. Partition coefficient: n-octanol/water	:	Log P_{ow}: 1.94 at 22 °C
xvi. Auto-ignition temperature	:	No data available
xvii. Decomposition temperature	:	No data available
xviii. Viscosity	:	No data available

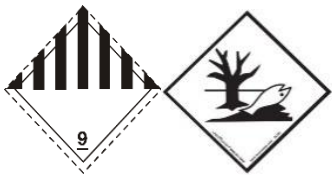
xx. Others	:	No data available
SECTION 10: Stability and reactivity		
10.1 Reactivity	:	None reasonably foreseeable.
10.2 Chemical stability	:	Stable under normal conditions
10.3 Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
10.4 Conditions to avoid	:	None known.
10.5 Incompatible materials	:	None known.
10.6 Hazardous decomposition products	:	No hazardous decomposition products are known.
SECTION 11:Toxicological information		
11.1 Acute Toxicity		

Exposure	Measurement (species)	Value	Hazard Category
Oral	LD_{50} (Rat) mg/kg body weight	>2000	GHS Category 5
Dermal	LD_{50} (Rat) mg/kg body weight	>2000	GHS Category 5
Inhalation	LC_{50} (Rat) mg/l air	>4.89 (no mortality)	Unclassified
Skin corrosion/irritation	(Rabbit)	Non-Irritant	Unclassified
Serious eye damage/irritation	(Rabbit)	Non-Irritant	Unclassified
Skin sensitization	(Guinea pig)	Non sensitizer	Unclassified

11.2 Germ cell mutagenicity	:	Non-Mutagenic
11.3 Carcinogenicity	:	NOAEL:20 000 ppm (equal to 907 mg/kg bw per day) Non-Carcinogenic
11.4 Reproductive toxicity	:	No reproductive toxicity
11.5 STOT Repeated exposure	:	No adverse effect has been observed in chronic toxicity tests.
SECTION 12: Ecological information		
12.1 Aquatic Toxicity		

Organism	Species	Unit	Value	Hazard Category
Toxicity to fish	Rainbow Trout	LC_{50} (96 hrs) mg/L	>12.6	GHS Category 3
Toxicity to aquatic invertebrates	Daphnia magna (Water flea)	EC_{50} (48 hrs) mg/L	0.0204	GHS Category 1
Toxicity to aquatic plants	Algae	EC_{50} (72 hrs) mg/L	>13	GHS Category 3
Chronic Toxicity to aquatic invertebrates	Daphnia magna (Water flea)	NOEC (21 days) mg/L	0.00969	GHS Category 1

12.2 Persistence and degradability		
	:	Moderately persistence
12.3 Bioaccumulative potential		
	:	Low potential to bioaccumulate
12.4 Mobility in soil		
	:	Moderately mobile
12.5 Other adverse effects		

Results of PBT and vPvB assessment	:	Not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).
SECTION 13 : Disposal considerations		
Waste treatment methods	:	Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into sewer. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations.
Contaminated packaging	:	Empty remaining contents. Triple rinse containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.
SECTION 14: Transport information		
14.1 UN Number		
ADR/RID: UN3077	IMDG: UN3077	IATA: UN3077
14.2 UN Proper Shipping Name		
ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. Cyantraniliprole	IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. Cyantraniliprole	IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. Cyantraniliprole
14.3 Transport Hazard class(es)		
ADR/RID: 9	IMDG: 9	IATA: 9
14.4 Packing group, if applicable		
ADR/RID: III	IMDG: III	IATA: III
14.5 Environmental hazards Marine pollutant		
ADR/RID: Yes	IMDG: Yes	IATA: Yes
		
14.6 Special precautions for user		
	:	None
14.7 Transport in bulk according to IMO instruments		
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code :	:	Not applicable for product as supplied.
SECTION 15: Regulatory information		
Safety, health and environmental regulations specific for the product in question.		
Full text of H-Statements	:	H410 Very toxic to aquatic life with long lasting effects
REACH - Candidate List of Substances of Very High Concern for Authorisation	:	No

Regulation (EC) No 1005/2009 on substances thatdeplete the ozone layer	:	No
Regulation (EC) No 850/2004 on persistent organic pollutants	:	No

SECTION 16 : OTHER INFORMATION

16.1 Information on revision

Version 2 of SDS updated on 13.12.2025 for aligning it as per GHS format.

16.2 Abbreviations and acronyms

GHS	:	Globally Harmonized System
CAS	:	Chemical Abstracts Service
LC_{50}	:	Lethal Concentration 50%
LD_{50}	:	Lethal Dose 50%
EC_{50}	:	Effective Concentration 50%
PBT	:	Persistent, Bioaccumulative and Toxic substance
vPvB	:	Very Persistent and Very Bioaccumulative
ADR	:	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	:	Regulation concerning the International Carriage of Dangerous Goods by Rail
IMDG	:	International Maritime Dangerous Goods
IATA	:	International Air Transportation Association
MARPOL	:	International Convention for the Prevention of Pollution from Ships
STOT	:	Specific target organ toxicity

16.3 References

- The Pesticide Manual, British Crop Production Council
- Unpublished reports – GSP Crop Science Limited, India.
- PPDB- Pesticide Properties DataBase
- FAO - Food and Agriculture Organization

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. We as supplier shall not be held liable for any damage resulting from handling or from contact with the above product.