

MATERIAL SAFETY DATA SHEET**FYTOX (Cypermethrin 0.25 % DP)****1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND SUPPLIER**

PRODUCT NAME	:	FYTOX
CHEMICAL NAME	:	Cypermethrin 0.25 % DP
CHEMICAL GROUP	:	Synthetic Pyrethroid Group
RECOMMENDED USE	:	A RTU (dusting powder) insecticide for household use.
FORMULATION	:	Dusting Powder
CORPORATE ADDRESS	:	Arbuda Agrochemicals Pvt. Ltd. 1104, Ruby Crescent Business Boulevard, Ashok Chakravarti Road, Kandivali-East, Mumbai-400101, Maharashtra, India Customer Care No- +91 9076907642 Email - info@arbudaagrochemicals.com
MANUFACTURER ADDRESS	:	Arbuda Agrochemicals Pvt. Ltd . Plot No-281-283, GIDC, Taluka -Talod District- Sabarkantha, Gujarat - 383215

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Percent or content (w/w)
Cypermethrin a.i. (based on 100% w/w a.i.)	0.25 % w/w
Precipitated Silica	9.75% w/w
Moisture	0.05% w/w
Talc	QS % w/w

3. HAZARD IDENTIFICATION**EMERGENCY OVERVIEW :-**

Harmful if inhaled, swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes and clothing. The active ingredient may produce sensations (burning, numbing and tingling) in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing and wash before reuse.

POTENTIAL HEALTH EFFECTS: Effects from overexposure result from inhalation or contact with the eyes or skin. Symptoms of overexposure include decreased activity, tremors, and convulsions, loss of bladder control, in coordination, and increased sensitivity to sound. Contact with Cypermethrin may produce skin sensations such as numbing, burning and tingling. These skin sensations are reversible and usually subside within 12 hrs.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

4. FIRST AID MEASURES

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give liquid orally.

IF IN EYES: Hold eye open and rinse slowly and gently with clean water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Phytotoxicity

The product is not phytotoxic when used as per field recommendation.

Antidote

No specific antidote is known. Treat symptomatically. Antihistamines may be given to control allergies.

5. FIRE-FIGHTING MEASURES

Flash point: N/A

FLAMMABLE LIMIT:

UPPER LIMIT: N/A **LOWER LIMIT:** N/A

AUTOIGNITION TEMP: N/A

EXTINGUISHING MEDIA:

Extinguish with water, foam or inert gas.

FIRE FIGHTING PROCEDURES:

Wear self-contained breathing apparatus and protective clothing. Minimize amount of water used and contain the runoff by diking.

OTHER FIRE OF EXPLOSION HAZARD:

None.

6. ACCIDENTAL RELEASE MEASURES

Isolate and post spill area. Wear protective clothing and personal protective equipment as prescribed in Section 8 "Exposure Controls/Personal Protection".

Keep unprotected persons and animals out of area. Keep material out of lakes, streams, ponds, and sewer drains. Dike to confine the spill and absorb with a non-combustible absorbent such as clay, sand or soil. Vacuum, shovel or pump waste into a drum and label contents for disposal.

To clean and neutralize spill area, tools and equipment, wash with a suitable solution of caustic or soda ash, and an appropriate alcohol (i.e., methanol, ethanol, or isopropanol).

Follow this by washing with a strong soap and water solution. Absorb, as above, any excess liquid and add to the drums of waste already collected. Repeat if necessary. Dispose of drummed waste according to the method outlined in Section 13 "Disposal Considerations".

7. HANDLING AND STORAGE

- HANDLING PRECAUTIONS** : Avoid damage to containers. Do not handle damaged or leaking containers without protective equipment. Wash thoroughly after handling and before eating or smoking.
- STORING PRECAUTIONS** : 1. Store in a cool & separate rooms or premises away from the rooms or premises used for storing other articles particularly articles of small be kept in separate almira's under lock and key depend upon the quantity and nature of the insecticide.
2. The rooms or premises meant for storing the fungicide shall be well built, dry, cool, and well-lit & ventilated & of sufficient dimensions. **KEEP AWAY FROM CHILDRENS.**

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

- VENTILATION** : General air replacement or dilution ventilation is sufficient for material handling and storage but local ventilation should be used when removing this product from containers. Ventilate all transport vehicles prior to unloading.
- PERSONAL HYGIENE** : Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking or using tobacco. Shower at the end of the workday.
- WORK CLOTHING** : Depending upon concentrations encountered, wear coveralls or long sleeved uniform and head covering. For larger exposures as in the case of spills, wear full body cover suit, such as rubber rain suit, Leather items such as shoes. Belts and watchbands that become contaminated should be removed and hold destroyed. Launder all work clothing before reuse (separately from house laundry)
- RESPIRATORY PROTECTION** : For splash, mist, vapor or dust exposure wear, as a minimum, a properly fitted half-face or full-face air-purifying respirator which is approved for pesticides (U.S. NIOSH/MSHA, EU CEN or comparable certification organization). Respirator use and selection must be based on airborne concentrations.
- EYE PROTECTION** : For splash, mist vapor or dust exposure wear chemical protective goggles as a face shield.
- GLOVES** : Wear chemical protective gloves made of materials such as rubber, Neoprene, or PVC. Thoroughly wash the outside of gloves with soap and water prior to removal. Inspect regularly for leaks.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT / RANGE	:	N/A
COLOUR	:	Light Grey
MELTING POINT	:	N/A
BOILING POINT	:	N/A
FLASH POINT	:	N/A
WATER SOLUBILITY	:	N/A
APPEARANCE	:	Powder
EVAPORATION RATE	:	N/A
VAPOR PRESSURE	:	N/A
VAPOR DENSITY	:	N/A
SPECIFIC GRAVITY	:	N/A

10. STABILITY AND REACTIVITY

STABILITY	:	Stable under normal temperatures and pressure.
CONDITIONS TO AVOID	:	No special precautions other than good housekeeping.
HAZARDOUS POLYMERISATION:	:	Will Not Occur
INCOMPATIBILITY	:	Strongly alkaline materials
HAZARDOUS DECOMPOSITION	:	None
PRODUCTS		

11. TOXICOLOGICAL INFORMATION

LD50, ORAL (INGESTION)	:	> 969 mg/Kg (rats)
LD50, DERMAL (SKIN CONTACT)	:	> 4000 mg/Kg (rats)
LC50, INHALATION	:	N/A
EYE IRRITATION	:	None (Rabbits)
SKIN IRRITATION	:	None (Rabbits)
DERMAL SENSITIZATION	:	Not Considered as a Sensitizer

12. ECOLOGICAL INFORMATION

MLD CHICKEN	:	No proprietary data available.
MLD PIGEON	:	No proprietary data available.
TOXICITY TO FISH 96 HRS	:	96 HRS LC50 0.026 mg/lit for rainbow trout.
TOXICITY TO BEE	:	Contact LD50 > 0.23 µg/bee

13. DISPOSAL CONSIDERATION

Disposal of Used Containers

1. Packages are surplus materials and washings from the machines and containers shall be disposed of in a safe manner so as to prevent environmental or water pollution.
2. The used packages shall not be outside to prevent their re-use.
3. Packages shall be broken and buried away from habitation.

Note: User should follow label instructions for disposal of unused product and container disposal.

14. TRANSPORT INFORMATION

UN NUMBER	NA
IMDG CLASS	NA
PACKAGING GROUP	NA
PROPER SHIPPING NAME	Synthetic Pyrethroid pesticide, dusting powder, toxic etc.
SUBSIDIARY RISK	Not "Dangerous goods" for transport by rail or Road

15. REGULATORY INFORMATION

HAZARD SYMBOL	Dangerous for the environment symbol (N)
RISK PHRASES	R36 / 38 -Moderately Irritating to eyes and skin
SAFETY PHRASES	S 36 / 37 / 39 – Wear suitable protective clothing, gloves and eye/face protection. S 57 – Use appropriate containment to avoid environmental contamination.

16. OTHER INFORMATION

MSDS PREPARATION DATE **01/04/2024**

REVISION DATE **31/03/2026**

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