

MATERIAL SAFETY DATA SHEET**DELTAFOG (Deltamethrin 1.25% ULV)****1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND SUPPLIER**

PRODUCT NAME	:	Deltamethrin 1.25% ULV (Smoke)
CHEMICAL GROUP	:	Synthetic Pyrethroid
RECOMMENDED USE	:	A liquid insecticides concentrate which can be applied by ULV or Thermal fogging as a space spray.
FORMULATION	:	Ultra Low Volume
CORPORATE ADDRESS	:	Arbuda Agrochemicals Pvt. Ltd 1104, Ruby Crescent Business Boulevard, Ashok Chakravarti Road, Kandivali-East, Mumbai 400101, Maharashtra, India Customer Care No. +919076907642 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

Components contributing to hazard:

Ingredient	:	Deltamethrin ULV
CAS NO	:	52918-63-5
Percentage	:	1.25%

Solvent plus inert Ingredient

3. HAZARDS IDENTIFICATION

Moderately irritant to skin.

Moderately irritant to eyes.

Unlikely to present any acute hazard in inhalation in normal use.

Hazardous to marine and aquatic life

4. FIRST AID MEASURES

- SKIN CONTACT** : Remove all contaminated clothes and shoes. Wash off immediately with soap and plenty of water (15-20 minutes). Get medical attention immediately.
- EYES CONTACT** : Flush eyes with tap water for at least 15 min. consult an ophthalmologist.
- INHALATION** : Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial respiration. Keep person warm and at rest. Treat symptomatically and supportively. Get medical attention immediately.
- INGESTION** : Drink 1 or 2 glasses of water. Induce vomiting by touching back of the throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Consult physician.
- SYMPTOMS** : Burning sensations on the skin, irritation of the Mucous membranes, coughing and sneezing maybe experienced.
- OTHER INFORMATION** : Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

- EXTINGUISHING MEDIA** Dry chemical, carbon dioxide, halon, water spray or standard foam.
- UNSUITABLE** High-pressure water jet media Special exposure
- EXTINGUISHING** Hazards. Do not release chemically contaminated Water into drains, soil and Surface waters.
- SPECIAL PROTECTIVE** As for all fires involving chemicals: chemical protection suit, suitable Gloves equipment for fire fighters and boots and self-contained Breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS** Use personal protective equipment.
- METHODS FOR CLEANING UP** Do not touch spilled material. Stop further spillage if you can do it without risk. For small spills, sweep and collect with sand and other absorbent material and place into containers for later disposal. Move containers from the spillage area. For larger spills, dike far ahead of spill for later disposal. Keep unconcerned people away. Isolate hazard area and prevent entry of unwanted persons. Ventilate closed space.

ENVIRONMENTAL

Prevent contamination of water.

PRECAUTIONS

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS

Do not eat, drink or smoke when handling; Wash hands before eating, drinking or smoking.

STORAGE

Store in locked, well-ventilated storeroom, away from children and unauthorized personnel, and food and animal feed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION

Provide local exhaust or general dilution ventilation.

EXPOSURE CONTROL LIMITS

-

RESPIRATORY PROTECTION

Wear a suitable mask.

HAND PROTECTION

Wear rubber or plastic gloves.

EYE PROTECTION

Wear splash-proof or dust-resistant safety Goggles

SKIN AND BODY

Wear overalls and closed

PROTECTION

footwear

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	:	liquid
COLOUR	:	Light Yellow
RELATIVE DENSITY (WATER=1)	:	@0.86 gm/cm ³ (approx.)
RELATIVE VEAPOUR PRESSURE	:	
BOILING POINT/RANGE	:	>150°C.
WATER SOLUBILITY	:	Immiscible
FLASH POINT	:	>24°C

10. STABILITY AND REACTIVITY

STABILITY	:	Stable under normal temperatures and pressure.
CONDITIONS TO AVOID	:	No special precautions other than good housekeeping
MATERIAL TO AVOID	:	Strong-oxidizing agents.
HAZARDOUS	:	Thermal decomposition products may emit
DECOMPOSITION	:	Toxic fumes of hydrogen chloride and oxides of carbon.

11. ECOLOGICAL INFORMATION

MLD CHICKEN	:	No proprietary data available.
MLD PIGEON	:	No proprietary data available.
TOXICITY TO FISH 96 HRS	:	No proprietary data available.
TOXICITY TO BEE	:	No proprietary data available.

12. DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL	Burn in high temperature incinerator with effluent Scrubbing or bury in a specially allocated landfill. Always dispose of in accordance with local regulations.
CONTAINER DISPOSAL	Contaminated packaging material should be treated as the product.

13. TOXICOLOGICAL INFORMATION

ACUTE LD ORAL WISTAR RATS	273-46 mg/kg B.W
ACUTE LD DERMAL WISTAR RABBITS	>2000 mg/kg B.W
ACUTE LD INHALATION RATS (4 HRS)	>2.637mg/L.(normal concentration) four hour exposure.
EYE IRRITATION	Moderately irritant.
SKIN IRRITATION	Moderately irritant
SKIN SENSITIZATION	Non skin sensitizer
CARCINOGEN STATUS	Non carcinogenic
MUTAGENECITY	Non mutagenic
REPRODUCTIVE TOXICITY	Non terratogenic
WHO CLASS	Product is unlikely to present anyacute hazards in normal use
EPA TOXICITY CLASS	Not applicable
ADI (MAN MG/KG)	Data not available

14. TRANSPORT INFORMATION

UN NUMBER	3351
IMDG CLASS	6
PACKAGIN GROUP	III

PROPER SHIPPING NAME Pyrethroid pesticide, liquid, toxic, flammable
SUBSIDIARY I SK Not "Dangerous goods" for transport by rail or road

15. REGULATORY INFORMATION

HAZARD SYMBOL : Dangerous for the environment symbol (N)
RISK PHRASES : R 36/ 38 - 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 01/03/2024

REVISION DATE 28/02/2026

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment or work risk as required by other health and safety legislation.