

**MATERIAL SAFETY DATA SHEET**

ARBUDA COCKROACH CHALK

(CYPERMETHRIN 1.0 % CHALK)

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND SUPPLIER**

<b>PRODUCT NAME</b>	:	CYPERMETHRIN 1.0 % CHALK
<b>RECOMMENDED USE</b>	:	Household Insecticide
<b>SUPPLIER ADDRESS</b>	:	Arbuda Agrochemicals Pvt. Ltd. 1104, Ruby Crescent Business Boulevard, Ashok Chakravarti Road, Kandivali - East, Mumbai , Maharashtra, India – 400101. Customer Care No- +91 90769 07642 Email - <a href="mailto:info@arbudaagrochemicals.com">info@arbudaagrochemicals.com</a>
<b>MANUFACTURER ADDRESS</b>	:	Arbuda Agrochemicals Pvt. Ltd. Plot No-281-283,GIDC, Taluka -Talod District- Sabarkantha, Gujarat – 383215.

**2. COMPOSITION AND INGREDIENT INFORMATIONS**

<b>Ingredient</b>	:	Cypermethrin
<b>CAS NO</b>	:	52315-07-8
<b>Percentage</b>	:	1.0 %

**3. HAZARDS IDENTIFICATION**

Potential Health Effects	:	Emergency Overview
Eyes	:	May cause eye and mucous membrane irritation
Skin	:	Not a skin irritant
Ingestion	:	Harmful if swallowed
Environment	:	Very toxic to aquatic organism

**4. FIRST AID MEASURES**

Eye	:	Flush with cool water for at least 15 minutes. If irritation develops obtain medical assistance
Skin	:	Wash with soap and water
Inhalation	:	None
Ingestion	:	Call physician immediately. Do not give anything by mouth or induce vomiting

## 5. FIRE-FIGHTING MEASURES

Flammable	:	NO
Flash Point	:	N/A
Auto Ignition Temp	:	N/A
Harzdots decoposition products	:	Oxides of carbon

## 6. ACCIDENTAL AND RELEASE MEASURES

### Spill Or Leak Procedures

Sweep up spilled material, Place it in a properly labelled container for disposal or reuse Avoid dust formation

### Environment Precautions

Keep people and animals away. Prevent entry into drains, sewers and watercourses.

### Waste Disposal Method

Dispose all wastes in accordance with insecticide Act 1968

## 7. HANDLING AND STORAGE

<b>Storage Temperature</b>	:	Room Temperature
<b>Shelf life</b>	:	2 years at Room Temperature Avoid
<b>Special Sensitivity</b>	:	exposure to extreme humidityStore in
<b>Handling /storage Precautions</b>	:	a cool dry area Wash with soap and water after handling

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limit Value	:	ADI 0.05 mg/kg bw (JMPR)
Respirator Type Eye	:	Not Required
Protection Hand	:	Avoid contact with eyes
Protection	:	Wear Gloves
Ventilation	:	Not Required

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Cylindrical Chalk
Colour	:	White
Solubility in water	:	Insoluble
Odour	:	Neutral

## 10. STABILITY AND REACTIVITY INFORMATION

Stability	:	Stable material
Hazardous Polymerizing	:	Will not occur
Incompatibilities	:	None known
Instability Conditions	:	None known
Conditions to avoid	:	Excessive heat

## 11. ECOLOGICAL INFORMATION

Cyprinus carpio , 96 hours : LC 50 : 0.53 microgram/litre  
 Cyprinus carpio, 24 hours : EC 50 : 0.13 microgram/litre  
 Algae, Chlorella vulgaris ,72 hours : EC 50 : 26.41 microgram/litre  
 Bees , 24 hours (oral) : LC 50 : 0.035 microgram/litre

**Mobility** : Cypermethrin has very low vapour pressure and water solubility and is strongly adsorbed from aqueous solution by solid surfaces. This drastically restricts its movement in air, and water and soil

**Persistence and Degradability** : DT50 60d, River water, rapid degradation occurs, DT50 C5d. Little likelihood of cypermethrin or its metabolites persisting for lengthy period in soils

## 12. DISPOSAL CONSIDERATION

### Product Disposal Method

Do not empty into drains or waterways, Disposal of the product would usually be by incineration in an appropriate licensed commercial incinerator .Advice may be obtained from local waste regulation authorities

### Container Disposal

Dispose of empty package /container in a sanitary landfill or by incineration or if allowed by local authorities by burning. If burned stay out of smoke. Follow advice on product Follow container label instructions for disposal of wastes generated during use in compliance with the product label. In other situations, bury in an EPA approved landfill or burn in an incinerator approved for pesticide destruction. Do not reuse container.

## 13. TOXICOLOGICAL INFORMATION

### Acute Toxicity

ORAL LD50- Rat	:	>2000 mg/kg bw
DERMAL LD50 – Rat	:	>2000 mg/kg
INHALATION LC50	:	No Data Available

**Eye Effects**

Rabbit : Not irritant to eye

**Skin Effects**

Rabbit : Not irritant to skin

**Sensitization**

Guinea Pig : Not a dermal sensitizer.

**Chronic Toxicity**

Carcinogenicity : Non carcinogenic in rat and mice

Mutagenicity : Non mutagenic

Reproductive Toxicity : Non reprotoxic and teratogenic

**14. TRANSPORTATION INFORMATION**

UN Number : 3349

UN Class : 6.1

Packing Group : III

Proper Shipping Name : Pyrethroid pesticide, toxic

**15. REGULATORY INFORMATION**

Classification : N: Dangerous for the Environment

Risk Phrases : R23/25 : Toxic by inhalation and if swallowed

R50/53 : very toxic to aquatic organisms and may cause longterm adverse  
Effects in the aquatic environment**16. OTHER INFORMATION**

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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.