



## MATERIAL SAFETY DATA SHEET - 16 Sections

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product Identifier</b> Cypermethrin 1.0 % chalk (The Original Laxmanrekhaa)		<b>Product Use</b> Household Insecticide	
<b>Manufacturers Name</b> Sansaj Home Care Products Pvt Ltd			
<b>Street Address</b> SF NO 471/2C VADACHITHUR VILLAGE, KINATHUKADAVU TALUK			
<a href="http://www.sansajgroup.com">www.sansajgroup.com</a>		<a href="mailto:admin@sansajgroup.com">admin@sansajgroup.com</a>	
		+91 890 350 2988 +91 900 360 6888	
<b>City</b> Coimbatore			
<b>Postal Code</b>	<b>Emergency Telephone</b>	<b>email</b>	
641202	9003606888	<a href="mailto:admin@sansajgroup.com">admin@sansajgroup.com</a>	

### SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients (Specific)	%	CAS Number	EC No	Classification
Cypermethrin	1.00	52315-07-8	257-842-9	Xn : R20/22 Xi : R37 N : R50 - 53

### SECTION 3 - HAZARDS IDENTIFICATION

<b>Potential Health Effects : Emergency Overview</b> Eyes : May cause eye and mucous membrane irritation Skin : Not a skin irritant Ingestion : Harmful if swallowed Environment : very toxic to aquatic organisms
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### SECTION 4 - FIRST AID MEASURES

<b>Skin Contact :</b> wash with soap and water <b>Eye contact :</b> Flush with cool water for atleast 15 minutes. If irritation develops obtain medical assistance <b>Inhalation :</b> None <b>Ingestion :</b> call physician immedietly. Do not give anything by mouth or induce vomitting.
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**Product Identifier : Cypermethrin 1.0 % chalk**

**SECTION 5 - FIRE FIGHTING MEASURES**

Flammable	Flash Point	Auto Ignition Temp	Hazardous decomposition products
No	N/A	N/A	Oxides Of carbon

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Leak and spill procedures**  
Sweep up spilled material, place it in a properly labelled container for disposal or reuse avoid dust formation.

**Environmental 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

**SECTION 7 - HANDLING AND STORAGE**

Storage Temperature	Average Shelf Life
Room temperature	2 Years at room temperature

**Special Sensitivity ( Heat, Light and Storage )**  
Avoid exposure to extreme humidity  
Store in a cool dry place inaccessible to children.  
Wash with soap and water after handling

**SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION**

Exposure Limit Value : ADI 0.05 mg/kg bw (JMPR)

Respirator Type	Eye Protection	Hand protection
Not Required	Avoid contact with eyes	wear gloves

**Ventilation**  
Not required

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance Cylindrical Chalk	Colour White	Odour Neutral	Molecular Weight 416.3 (Cypermethrin)
Vapour density N/A	Melting Point N/A	Boiling Point N/A	Water Reactivity N/A
Vapour Pressure N/A	Evaporation Rate N/A	Bulk Density N/A	Solubility Not Soluble in water

**SECTION 10 - STABILITY AND REACTIVITY**

Stability Stable	Conditions to avoid Excessive heat	Polymerisation will not occur
Incompatibility Not Known	Materials to avoid Not known	

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Acute Toxicity

Rat LD 50 oral, Rats : > 2000 mg/kg bw  
 Rat LD 50 dermal , Rats : > 2000 mg/kg bw  
 Skin Irritation : Non irritant to skin of rabbits  
 Eye irritation : Non irritant to eyes of rabbits  
 Skin Sensitization : Non sensitiser to skin of Guinea pigs

Long term Studies

Carcinogenity : Non carcinogenic in rat and mice  
 Mutagenicity : Non-mutagenic  
 Reproductive toxicity : Non reprotoxic and teratogenic

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**SECTION 12 - ECOLOGICAL INFORMATION**

Cyprinus carpio, 96 hours : LC 50 : 0.53 microgram / litre (cypermethrin technical)  
 Daphnia magna, 24 hours : EC50 0.13 microgram/litre ( cypermethrin technical)  
 Algae, Chlorella vulgaris, 72 hours : EC50 26.41 microgram /ml (cypermethrin Technical)  
 Bees , 24 hours (oral) : LD50 : 0.035 microgram /bee( cypermethrin technical)

Mobility : cypermethin has very low vapour pressure and water solubility and is strongly adsorbed from aqueous solutions by solid surfaces. This drastically restricts its movement in air, and water and particularly in soils.

Persistence and Degradability : DT50 60d, river water,rapid degradation occurs,DT50 C5 d.  
 Little likelihood of cypermethrin or its metabolites persisting for lengthy periods in soils.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Product Disposal**  
 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 label and / or leaflet.

**SECTION 14 - TRANSPORT INFORMATION**

UN Number	UN Class	UN Packing group	Proper Shipping Name
3349	6.1	III	Pyrethroid pesticide,toxic

**SECTION 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

Reference regulation : Regulation (EC) No 1907/2006

**SECTION 16 - OTHER INFORMATION**

The above information is intended to give general health and safety guidance on the storage and transport of the substance or product to which it relates. No liability will be accepted for any injury loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet

Coimbatore : 04-05-2021

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