



MATERIAL SAFETY DATA SHEET - 16 Sections

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Cypermethrin 1.0 % chalk (Krazy Lines Plus)	Product Use Household Insecticide		
Manufacturers Name SanSaj Home Care Products Pvt Ltd			
Street Address SF NO: 471/2C Vadachithur Village, Kinathukadavu Taluk www.sansajgroup.com admin@sansajgroup.com +91 890 350 2988 +91 900 360 6888			
City Coimbatore			
Postal Code 641202	Emergency Telephone 9003606888	email admin@sansajgroup.com	

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

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 organisms
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SECTION 4 - FIRST AID MEASURES

Skin Contact : wash with soap and water Eye contact : Flush with cool water for atleast 15 minutes. If irritation develops obtain medical assistance Inhalation : None Ingestion : call physician immedietly. Do not give anything by mouth or induce vomitting.



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

SECTION 10 - STABILITY AND REACTIVITY

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