

## MATERIAL SAFETY DATA SHEET

### **Product and Company Identification :**

**Product :- Piramid Termicide Concentrate**

### **Company Identification :-**

**Shimac Organics**

**CFF – 7, Ansal Dilkhush,**

**Industrial Complex, G.T Karnal Raod,**

**Azadpur, Delhi – 110033**

### **Composition/Information on Ingredients :-**

Chlorpyriphos which contains 3,5,6 – Trichloro-2-pyridingl is less harmful to mammals.

Chlorpyriphos Tech. 21.5% w/w

(Based on 94% w/w a.i)

Emulsifier (allyl aryl sulphonate 6.0% w/w

& poly oxy ethylene ether based)

Aromex 72.5% w/w

**Potential Health Effects :** -This section includes possible adverse effects, which could occur if this material is not handled in the recommended manner.

**Eye :-** May cause moderate eye irritation and / or corneal injury, vapors may irritate the eyes.

**Skin :-** Prolonged exposure may cause moderate skin irritation. A single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts. The LD<sub>50</sub> for skin absorption in rabbits is >5000 mg/kg.

**Ingestion :-** Single dose oral toxicity is moderate. The oral LD<sub>50</sub> for rats is 776 (males) and 300mg/kg (females).

**Inhalation :-** The aerosol LC<sub>50</sub> for rats is 2.7 mg/l for 4 hours. Excessive exposure may produce organophosphate type cholinesterase inhibition.

**Systemic (Other Target Organ Effects) :-** Signs and symptoms of excessive exposure to chlorpyriphos may be headache, dizziness, in coordination, muscle twitching, tremors, nausea, abdominal cramps, diarrhea, sweating, pinpoint pupils, blurred vision, salivation, tearing, lightness in chest, excessive urination, convulsions.

### **First Aid :-**

**Eyes :-** Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

**Skin :-** Immediately wash skin with plenty of soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Destroy and dispose any contaminated leather articles such as shoes, belts, or wash bands.

**Ingestion :-** Call a physician or poison control center immediately. Do not induce vomiting. Contains an aromatic petroleum solvent. Do not give anything by mouth to an unconscious person.

**Inhalation :-** Remove to fresh air if symptoms of cholinesterase inhibition appear. Seek medical assistance.

**Note to Physician :-** Chlorpyrifos is a cholinesterase inhibitor, Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance of exposure (baseline data are useful). Atropine, only by injection is the preferable antidote.

**Fire Fighting Measures :-**

**Flash Point :-** 106<sup>0</sup>F (41<sup>0</sup>C)

Method used : TCC

**Flammable Limits**

**LFL :** 1%

**UFL :** 6% (xylene range aromatic solvent)\

**Other Flammability Information :-** Dense smoke is produced when product burns. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids. Vapors are heavier than air and may travel a long distance and accumulate in low – lying areas. Ignition and/or flash back may occur. Container may rupture from gas generation in a fire situation.

**Extinguishing Media :-** Water fog or fine spray, carbon dioxide, dry chemical or foam. Alcohol resistant foams (ATC type) are preferred if available. General-purpose synthetic foams (including AFFF) or protein foams may function, but much less effectively.