

SABARI CROP CARE SCIENCES PVT. LTD.

(An ISO 9001 : 2008 Certified Company)

MATERIALS SAFETY DATABASE SHEET

Section 1 : Products and Company Identification

Products Name : I-MAAL
Products Name : Malathion 50% EC
CIB No. : CIR -110777 / 2013 -Malathion (EC) (343) -14
F. No. : 14765 -F/9(4)/2012
IS No. : 2567 -1978
Customer Care No. : +91 95512 44490

Section 2 : Composition and Information in

Ingredients Malathion Tech. (based on 95% w/w a.i)	52.80 % w/w
Stabilizer Epichlorohydrin	1.00 % w/w
Emulsifier Calcium Alkyl Aryl sulphonate poly oxy ethylene ether	5.00 % w/w
Solvent Aromex	41.20 % w/w
Total :	100.00 % w/w

Section 3 : Hazards Identification

Potential Acute Health Effects : Hazardous in case of skin contact, of eye contact of ingestion, of inhalation. Atropinize the patient immediately and maintain full atropinization by repeated doses of 2 to 4 mg. of atropine sulphate intravenously at 5 to 10 minutes interval. As much as 25 to 50 mg. of atropine may be required in a day. The need for further atropine administration is guided by the continuance of symptoms. Extent of salivation is a useful criterion for dose adjustment. Dissolve 1 - 2 gm of 2 PAM in 10 ml distilled water and inject intravenously very slowly for 10 -15 minutes.

Section 4 : First Aid Measures

Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti - bacterial cream. Seek medical attention. If swallowed, induce vomiting by tickling the back of throat. Repeat it until the vomitus is clear. Do not induce vomiting if the patient is unconscious. If clothing and skin with copious amount of soap and water. If eyes are contaminated, flush with plenty of saline/clean water for about 10 to 15 minutes. If inhaled, remove the patient to fresh air.

Symptoms: Headache, Giddiness, Vertigo, Nausea, Vomiting, Blurred vision, Diarrhoea, Convulsions, Sweating, Excessive Lacrimation, and Salivation may occur.

Section 5 : Precaution

Keep away from foodstuffs, empty foodstuff containers and animals food. Avoid contact with mouth, eyes and skin. Avoid inhalation the spray mist. Spray in the direction of wind. Wash thoroughly the contaminated clothes and parts of the body after spraying. Do not smoke, drink, eat and chew anything while spraying. Wear full protective clothing while mixing and spraying.

Section 6 : Precaution

The pesticides shall be stored in separate rooms or premises away from the rooms or premises used for storing other articles or shall be kept in separate almirahs under lock and key depending upon the quantity and nature of the insecticides. The rooms or premises meant for storing the insecticide shall be well built, dry, well lit and ventilation and of sufficient dimension to avoid contamination with vapour.

Section 7 : Recommendations

It is recommended to control of Mosquito larvae and hispa, leaf roller, gall midge, stem borer of paddy, aphid, boll worms, whitefly & cut worm of cotton and insects of vegetables and fruits.

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