

# SABARI CROP CARE SCIENCES PVT. LTD.

( An ISO 9001 : 2008 Certified Company )

## MATERIALS SAFETY DATABASE SHEET

### Section 1 : Products and Company Identification

Trade Name : GAINT  
Products Name : Deltamethrin 2.5% Flow  
CIB No. : CIR -103136/ 2012 -Deltamethrin (FLOW) (333) -1  
F. No. : 5532 -F/9(4)/2012  
IS No. : 14411 -1996  
Customer Care No. : +91 95512 44490

### Section 2 : Composition and Information in

Ingredients Deltamethrin Tech (based on 98% w/w purity)	2.55 % w/w
Sodium salts of Alkyl naphthalene	1.50 % w/w
Sulphonic acid sodium Lauryl sulphonate condensation products	0.07 % w/w
Silicon dioxide	1.50 % w/w
Polydimethyl-siloxanes	0.17 % w/w
Citric Acid	0.02 % w/w
Hetero polysaccharides	0.41 % w/w
Formaldehyde	0.08 % w/w
Water	93.70 % w/w
<b>Total</b>	<b>100.00 % W/W</b>

### Section 3 : Hazards Identification

Classification of the substance or mixture Classification in accordance with Regulation (EC) No. 103136/2012 on classification, labelling and packaging of substances and mixtures, as amended.

**Acute aquatic toxicity** : Category 1 H400 Very toxic to aquatic life.

**Chronic aquatic toxicity**: Category 1 H410 Very toxic to aquatic life with long lasting effects.

Classification according to EU Directives 67/548/EEC or 1999/45/ECN Dangerous for the environment, R50/53 H410 Very toxic to aquatic life with long lasting effects. EUH401 To avoid risks to human health and the environment, comply with the instructions for use. P501 Dispose of contents/container in accordance with local regulation.

#### **Section 4 : First Aid Measures**

**General Advice:** Remove contaminated clothing immediately and dispose of safely.

**Inhalation:** Move the victim to fresh air and keep at rest. Call a physician or poison control center immediately

**Skin Contact:** Immediately wash with plenty of soap and water for at least 15 minute. Warm water may increase the subjective severity of the irritation/paresthesia. This is not a sign of systemic poisoning. In case of skin irritation, application of oils or lotions containing vitamin E may be considered. If symptoms persist, call a physician.

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes, Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Warm water may increase the subjective severity of the irritation/paresthesia. This is not a sign of systemic poisoning. Apply soothing eye drops, if needed anaesthetic eye drops. Get medical attention if irritation develops and persists.

**Ingestion:** Rinse out mouth and give water in small sips to drink. Do not induce vomiting. Call a physician or poison control center immediately.

**Symptoms:** Local : Skin and eye paraesthesia which may be severe, Usually transient with resolution within 24 hours, skin, eye and mucous membrane irritation, cough, sneezing.

**Systemic :** Discomfort in the chest, Tachycardia, Hypotension, Nausea, Abdominal pain, Diarrhoea, Vomiting, Dizziness, Blurred vision, Headache, Anorexia, Somnolence, Coma, Convulsions, Tremors, Prostration, Airway hyperreaction, Pulmonary oedema, Palpitation, Apathy.

**Risks :** This product contains a pyrethroid. Pyrethroid poisoning should not be confused with carbamate or organophosphate poisoning.

**Treatment:** Systemic treatment: Initial treatment: symptomatic.

**Monitor:** respiratory and cardiac functions. In case of ingestion gastric lavage should be considered cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable. Keep respiratory tract clear. Oxygen or artificial respiration if needed. In case of convulsions, a benzodiazepine should be given according to standard regimens. If not effective, phenobarbital may be used.

**Contraindication :** atropine. Derivatives of adrenaline. There is no specific antidote. Recovery is spontaneous and without sequelae.

## **Section 5 : Precaution**

Keep people away from and upwind of spill/leak. Avoid contact with spilled product or contaminated surfaces. When dealing with a spillage do not eat, drink or smoke. Do not allow to get into surface water, drains and ground water. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

## **Section 6 : Precaution**

Use only in area provided with appropriate exhaust ventilation. No special precautions required. Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands before breaks and immediately after handling the product. Remove soiled clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed. Keep containers tightly closed in a dry, cool and well - ventilated place. Store in original container. Store in a place accessible by authorized persons only. Keep away from direct sunlight. Protect from frost. Refer to the label and or leaflet.

## **Section 7 : Recommendations**

For Public Health and Household use only. Not to be used on any food crop. Deltamethrin flow is a broad spectrum insecticide for use as a residual spray against adult vector mosquito of Public Health importance and for control of mosquito, houseflies and cockroach.

\* The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ScienceLab.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Sabari Crop Care Science Pvt. Ltd., has been advised of the possibility of such damages.