

# HEALTH AND SAFETY DATA SHEET

Revision : 2

Date : 08.01.11

Last Revision 08.01.11

## 1. IDENTIFICATION OF SUBSTANCE AND COMPANY

**PRODUCT NAME** : **CONSTRAIN**

**PRODUCT DESCRIPTION** : **Insecticide for use on delicate materials  
HSE Registration No. 6149**

**SUPPLIER** : **HISTORYONICS  
17 Talbot Street  
Cardiff CF11 9BW  
Tel : 029 20398943**

## 2. COMPOSITION/INFORMATION AND INGREDIENTS

Non-ionic surfactants. Hydrocarbon solvent and insecticide.

<i>Hazardous Ingredients</i>	<i>CAS No.</i>	<i>% Range (w/w)</i>	<i>Nature of Hazard:</i>
Permethrin	52645-53-1	0.2	Harmful O.E.S. See section 8
Hydrocarbon	90622-57-4	0.0 to 1.0	Flammable O.E.S. See section 8

## 3. HAZARD IDENTIFICATION

This product is **NOT CLASSIFIED** a hazardous under the Chemicals (Hazard Information and Packaging) regulations 1993.

## 4. FIRST AID MEASURES

**Inhalation** : Remove to open air.

**Eye contact** : Flush well with water. For persistent irritation, seek medical advice.

**Skin contact** : Rinse with soap and water.

**Ingestion** : **DO NOT INDUCE VOMITING.** Give small sips of milk or water and seek medical attention.

## 5. FIRE-FIGHTING MEASURES

This product is not flammable, however, irritating fumes may be given off in the event of a fire. Treat fires with dry chemical foam.

## 6. ACCIDENTAL RELEASE MEASURES

Clean up excess. **DO NOT** flush remnants away with water. Dispose of via waste Disposal contractor.

## 7. HANDLING AND STORAGE

- 7.1 Store in original container
- 7.2 Store at ambient temperatures
- 7.3 Store away from children
- 7.4 Use only according to directions

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Consult label before use
- 8.2 Rubber gloves are recommended
- 8.3 Do not spray on food preparation surfaces

O.E.S. - Permethrin : AD1 = 0.05mg/Kg bw

O.E.S. - Hydrocarbon : 300ppm

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	Clear colourless liquid
Odour :	Characteristic
Specific Gravity :	1.000 (0.995 – 1.005)
pH :	7.00 (6.50 – 7.50)
Turbidity:	0 – 10
Active content:	1-00g/l Permethrin
Solubility in water:	Soluble

## 10. STABILITY AND REACTIVITY

Product is stable under normal conditions.  
Avoid mixing with other chemicals : Strong alkali's.

## 11. TOXICOLOGICAL INFORMATION

No significant health hazard when this product is used correctly.

<b>Inhalation:</b>	Not hazardous in normal use
<b>Eye contact:</b>	May irritate
<b>Skin contact:</b>	Prolonged contact may cause irritation
<b>Ingestion:</b>	May cause irritation to mouth and respiratory tract

## 12. ECOLOGICAL INFORMATION

This product must not enter water discharge system.

## 13. DISPOSAL CONSIDERATIONS

Dispose of empty container by landfill.  
Dispose of waste product via licensed waste disposal contractor.

## 14. TRANSPORT INFORMATION

UN No: 2902	IMCO:
IMDG:	DGR
ARD/RID: 2902 item 83[c]	

## 15. REGULATORY INFORMATION

This product is **NOT CLASSIFIED** as hazardous under the CHIP regulations.

## 16. OTHER INFORMATION

The responsibility to ensure safe working conditions remains with the user. This Information is given as a guide to maintain a safe working environment.