

# MATERIAL SAFETY DATA SHEET

**Product Name** : **DET AEROSOL INSECTICIDE**  
**Manufacturer** : **CARASOL LIMITED**  
**Product Description** : **AEROSOL INSECT SPRAY**

## Section 1 – PRODUCT & COMPANY IDENTIFICATION

### *Product*

Aerosol Spray. Light, oily, clear liquid.

### *Company Identification*

Company Name : Carasol Limited.  
Company Address : Sathoo Rd. El Socorro Ext. San Juan. Trinidad. W.I.  
Company Tel / Fax : (868)675-9394 / (868) 638-4073

## Section 2 - CHEMICAL COMPOSITION & INGREDIENTS

<i>INGREDIENTS</i>	<i>% W/V</i>
D - ALLETHRIN	: 0.10
D - TETRAMETHRIN	: 0.15
D - CYPHENOTHRIN	: 0.15
SOLVENTS & PROPELLANTS	: 99.60

## Section 3 - HAZARDS IDENTIFICATION

Local Authority: Class IV

International: DOT, IATA, IMDG – UN1950, Hazard Class 2.1, Aerosol, Flammable.

Propellant used: Hydro Carbon gas - Highly flammable, Keep away from open flames, sparks and excessive heat.

Avoid excessive spray and fumes by inhalation and, skin and eye contacts. Do not ingest.

## Section 4 - HEALTH & FIRST AID INFORMATION

SYMPTOMS & EFFECTS OF OVER EXPOSURE	ROUTE OF ENTRY	EMERGENCY & FIRST AID PROCEDURES
Temporary irritation	EYES	Immediately flush with large amounts of water for at least 15 minutes. If irritation persists, get medical attention.
Can cause irritation of skin and burning sensation to sensitive areas (face, eyes mouth)	SKIN	Immediately flush affected areas with water. Remove contaminated clothing and wash with soap and water. If irritation persists, get medical attention.
Excessive inhalation can cause nasal and respiratory irritation.	INHALATION	Remove affected person to fresh air. give oxygen if necessary. If breathing has stopped, administer artificial respiration and get medical attention immediately.
Can cause stomach irritation resulting in nausea, cramps and vomiting.	INGESTION	If affected person is conscious, induce vomiting by tickling the back of their throat. Get medical attention immediately. If affected person is unconscious, DO NOT induce vomiting, but keep them warm and quiet and get medical attention immediately.

## Section 5 - FIRE & EXPLOSION HAZARD INFORMATION

Suitable Extinguishing Media	: Foam, CO <sub>2</sub> , Chemical Powders
Unsuitable Extinguishing Media	: Jets of water
Special Protective equip. for fire-fighting	: Wear self-contained respiratory apparatus Wear protective clothing.
Other Instructions	: Cool fire-exposed containers with water fog and avoid environmental contamination with extinguishing water.



## Section 6 - ACCIDENTAL RELEASE MEASURES

In the event of leaking cans eliminate all ignition sources. Avoid contact with eyes and skin. Remove leaking cans to open air area. Soak up spills with sand or other appropriate absorbent and transfer to waste container for disposal. Clean spill area with detergent and water.

## Section 7 - STORAGE, HANDLING & EXPOSURE

*Storage* : Store cans in a cool, dry and well ventilated area. Keep away from food, drink and animal feeding stuff. Keep out of reach of children. Keep away from heat and ignition sources.

*Handling* : When using do not eat, drink or smoke. Wash hands and exposed skin before meals and after work.

*Exposure* : Do not expose to temperatures exceeding 120°F (50°C).

## Section 8 - PHYSICAL & CHEMICAL PROPERTIES

Physical State	: Light, oily, clear liquid
Colour and odour	: Clear with characteristic odour
pH	: N/A
Boiling Point/boiling range	: 145°- 200° C
Melting Point/melting range	: N/A
Flash Point of solvent	: 96.8° F (36° C)
Flammability	: Flammable
Oxidizing Properties	: None
Vapour pressure	: 0.46 PSI at 70°F
Solubility in water	: Insoluble in water

## Section 9 - STABILITY & REACTIVITY

Hazardous reactions	: Unknown
Sensitivity to jolting	: None
Conditions to Avoid	: Avoid spark generation and flame
Materials to avoid	: Strong Alkali and acids
Hazardous decomposition products	: Combustion may lead to hazardous oxides of carbon and other toxic fumes

## Section 10 - TOXICOLOGICAL & ECOLOGICAL INFORMATION

### *Toxicological*

Corrosiveness	: None
Eye irritancy	: Light irritant
Skin irritancy	: Light irritant
Skin sensitization	: Light sensitizing

### *Ecological*

Biodegradable	: Degradable by microorganisms present in Soil and water
Chemical degradation	: rapid photo-oxidative degradation when exposed to sunlight.

## Section 11 - DISPOSAL CONSIDERATIONS

Pressurized container. Do not puncture or burn even after use.

## Section 12 - TRANSPORT INFORMATION

Land, Air & Sea: (DOT, IATA, IMDG)

Shipping Description; UN1950, Aerosols, Flammable, 2.1

Hazard Class: 2.1

UN Number: UN1950

Hazard Label Required: Flammable Gas

## Section 13 - OTHER INFORMATION

- ❖ The specific pests that the product covers are all flying and crawling insects : roaches, ants, mosquitoes, spiders, flies, moths, ticks.
- ❖ The propellant used in Det Aerosol Insecticide : HYDRO CARBON PROPELLANT