

# KOMBAT STALKBORER

Version: 1.2

Revision Date: December 2016



## 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY UNDERTAKING:

### PRODUCT INFORMATION

**Product Name** : KOMBAT STALKBORER  
**Design Code** : ...  
**Registration No.** : L2491, Act No. 36 of 1947  
**Use** : Insecticide  
**Company** : Kombat (Pty) Ltd  
39 Dr. Gordon Road  
Greytown  
3250  
**Telephone** : +27-33-417-1906/7



Harmful



Dangerous for the environment

### EMERGENCY TELEPHONE NUMBERS

#### SPILLAGES:

Emergency telephone: +27-82-446-8946 (all hours)

#### POISONING INCIDENTS:

Poison Information Centre of the Western Cape: +27-861-555-777 (all hours)  
Griffon Poison Information Centre +27-82-446-8946 (all hours)  
UFS Pharmacology/Toxicology information centre: +27-82-491-0160

## 2. HAZARD IDENTIFICATION

May be fatal if swallowed. Harmful if inhaled or absorbed through the skin.  
National fire hazard protection associating rating :

Health 3  
Fire 1  
Reactivity 1

Key: 4 = Extreme  
3= High  
2= Moderate  
1= Slight  
0= Minimum

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

PRODUCT DESCRIPTION:

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Carbamate Insecticide containing the active ingredient Carbaryl

**HAZARDOUS INGREDIENTS:**

Carbaryl [ 1-naphthyl n-methylcarbamate ]

g / kg:

25

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**4. FIRST- AID MEASURES**

Persons attending the victim should avoid direct contact with the contaminated clothing and vomiting. Wear impervious gloves while decontaminating skin and hair.

**Inhalation:** Remove patient to fresh air. If not breathing, administer cardiopulmonary resuscitation or artificial respiration. If breathing is difficult, administer oxygen. Get medical attention.

**Skin contact:** Immediately wash skin with plenty of soap and water, while removing contaminated clothing and shoes.

**Eye contact:** Hold eyelids open and flush with stream of fresh water for at least 15 min. Get medical attention.

**Ingestion:** If patient is alert, give 2-3 glasses of water to drink. Give one tablespoon of syrup of Ipecac to induce vomiting. If vomiting did not occur in 20 min. time, the same dose of Ipecac could be repeated one more time. Alternatively, induce vomiting by touching the back of the throat with the finger. Seek medical attention.

**Further Medical treatment:** This product contain a methyl carbamate insecticide, which is a cholinesterase inhibitor. Specific treatment consists of parenteral Atropine Sulfate. Improve tissue oxygenation as much as possible before administering Atropine, to minimize the risk of ventricular fibrillation. Mild cases; Give atropine at 1 – 2 mg intramuscularly every 10 min. until fully atropinization has been achieved. Severe cases should be give 2-4 mg intramuscularly every 10 min. and repeated till full atropinization has been achieved every 30 – 60 min. as needed to maintain the effect for at least 12 h. Dosage for children should accordingly be reduced. Be careful for not over atropinization. Complete recovery should be expected with-in 24 hours.

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**5. FIRE-FIGHTING MEASURES**

Thermal decomposition products may be hazardous. May contain nitrogen oxide, carbon monoxide, carbon dioxide and methyl isocyanate.

**Extinguishing Media:** Small fires; Carbon dioxide or dry chemical.

Large fires; Use water spray or foam (alcohol, polymer or ordinary).

Fire Fighting Protective Equipment: Use self contained breathing apparatus, full body protective clothing, chemical resistant gloves (PVC or butyl). Eye goggles or face shield must be wear.

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**6. ACCIDENTAL RELEASE MEASURES**

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Clean up spillage by using shovels. Carefully scoop up loose material to avoid dust forming. Place in appropriate container for disposal.  
Spillage that could not be clean as above, follow following procedures; Scrape from ground and placed in containers for disposal.  
Do not flush any material into public sewer or any waterways.  
Use protective clothing and equipment for cleaning up process.  
Spills are subjected to reporting requirements to local land and water affairs department.

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## 7. HANDLING AND STORAGE

### Handling:

Protective gloves: chemical resistant gloves, E.G. PVC or Butyl  
Eye protection: Goggles, face shield and eye bath  
Protective clothing: Full body protective overall.

### Storage:

Store product in original container, cool dry area out of reach of children and animals.  
Do not store in area where temperatures frequently exceed 40 degrees Celsius  
Ventilation: Mechanically ventilated room.

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## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Refer to the label when using this product.  
Protective gloves: chemical resistant gloves, E.G. PVC or Butyl  
Eye protection: Goggles, face shield and eye bath  
Protective clothing: Full body protective overall.  
Do not ingest.  
Avoid exposure by inhalation.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	: granules
<b>Color</b>	: light pink to pink dark
<b>Odor</b>	: mild phenolic
<b>Density ( g/ml)</b>	: not known
<b>Flash point</b>	: 193 Centigrade
<b>Solubility</b>	: Insoluble

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## 10. STABILITY AND REACTIVITY

Hazardous decomposition Product(s):  
Carbaryl (1-naphthyl, N-methylcarbamate)

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## 11. TOXICOLOGICAL INFORMATION

**Inhalation** : LC50 Rat; 5,0 – 13 mg/l ( 4 hour exposure )

**Skin contact** : Rabbit; minimal irritation.

**Eye contact** : Rabbit; slight irritation

**Ingestion** : Oral LD50 rat: 1056 mg/kg  
: Dermal LD50; rabbit: > 8000 mg/kg

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## 12. ECOLOGICAL INFORMATION

**Toxicity :** illness may occur rapidly after exposure to this product.  
The principle hazard of this product is reversible cholinesterase inhibition.  
Symptoms are dose related.  
Rapid in onset and reversible in time.

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## 13. DISPOSAL CONSIDERATIONS

Do not contaminate rivers, dams or any other water source with chemical or used containers.  
Drain and triple rinse containers and then destroy by perforation and flattening and disposing of at a registered hazardous waste facility.  
Do not re-use containers for any other purpose.

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## 14. TRANSPORT INFORMATION

SARA title I-III:  
Section 302: extremely hazardous substance: not listed.  
Section 313: toxic chemical: Carbamate Pesticide, solid, toxic  
Class 6.1

ROAD / RAIL : TREMCARD:

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## 15. REGULATORY INFORMATION

**Group : II**  
**TSCA inventory status:** TSCA Certified.  
**EPA registration No:** 264-324

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## 16. OTHER INFORMATION

**Usage** : Insecticide.

**STALKBORER GRANULES is the property of KOMBAT (Pty) Ltd.**

**Read the label before use or buy.**

**Use pesticides safely.**

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## 17. EXCLUSION OF LIABILITY:

All information is given in good faith but without guarantee in respect of accuracy, and no responsibility is accepted for errors or omissions or the consequence thereof.

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