

**1 Identification of the preparation and the supplying Company****1.1** Vazor DE**1.2** An insecticidal powder. For Biocidal applications.**1.3** Killgerm Chemicals Ltd, Wakefield Road, Ossett, West Yorkshire, WF5 9AJ.Tel: +44 (0)1924 268450 Fax: (0)1924 265033 Email: [technical@Killgerm.com](mailto:technical@Killgerm.com)**1.4** Emergency telephones. National Poisons Information Service 0870 600 6266.

Killgerm Chemicals Ltd, 01924 268452 (Office hours)

**2 Hazards identification****2.1. Classification of the substance or mixture**

According to Regulation (EC) 1272/2008 not classified

**2.2. Label elements**

Labeling according to Regulation (EC) 1272/2008 not classified

**2.3. Other hazard**

No vPvB substance , No PBT substance

**3 Composition and information on ingredients****3.2. Mixtures****Hazardous Components in Product**

Ingredient Name	Classification	Concentration	R Phrases	H Phrases
Diatomaceous earth CAS NO: 61790-53-2	Not classified	100%(>1% respirable quartz)	Not applicable	Not applicable

See section 16 for full text of R-phrases, H phrases and hazard classification of ingredients.

**4 First Aid measures****4.1. Description of first aid measures**

Ingestion (swallowing): Rinse the mouth thoroughly with water. Give copious water to drink. Consult doctor if necessary.

Inhalation: Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms

Skin contact: Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

Eye contact: Wash thoroughly for several minutes using copious water. Seek medical help if necessary. Do not rub. Product is mechanically abrasive.

**4.2. Most important symptoms and effects, both acute and delayed:** If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1 In certain cases , the symptoms of

poisoning may only appear after an extended period/ after several hours.

#### 4.3. Indication of any immediate medical attention and special treatment needed

### 5 Fire-fighting measures

**5.1. Extinguishing media** Use fire extinguishers appropriate for nearby materials. All extinguishing agents can be used on this material.

**5.2. Special hazards arising from the substance or mixture:** none

**5.3. Advice for fire-fighters** Use fire extinguishers appropriate for nearby materials. All extinguishing agents can be used on this material.

### 6 Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures:** Ensure sufficient supply of air. Avoid build-up of dust. Avoid contact with eyes or skin

**6.2. Environmental precautions:** If leakage occurs, dam up. Resolve leaks if this is possible without risk. Prevent from entering drainage system. Prevent surface and ground-water infiltration, as well as ground penetration.

**6.3. Methods and material for containment and cleaning up:** Sweep up product and place in containers. Use vacuum or wet sweeping to avoid raising dust.

**6.4. Reference to other sections:**

### 7 Handling and storage

**7.1. Precautions for safe handling** Avoid dispensing the product in a manner which produces large quantities of dust. Wear suitable PPE when applying and if working in confined spaces.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in a safe place with container top closed. Store upright when transporting

**7.3. Specific end use(s);** An insecticidal powder

### 8 Exposure controls and personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

Where exposure may occur engineering controls should be employed. A risk assessment should be carried out and the following PPE may be appropriate /required

PPE	ITEM IN USE	SPILLAGE
Respirators	n/a	Half mask respirator to EN143 with particulate filter (A1P2)
Gloves	Rubber gloves (EN 374)	Rubber gloves (EN 374)
Overall	Coverall 5/6	Coverall 5/6
Goggles/ Faceshield	n/a	To EN166

**9 Physical and chemical properties****9.1. General information**

Appearance: White powder

Odour: none

pH: 6.5-7.5

Density: 2.2 (Particle size 44 microns)

Flammability: Not combustible

Boiling point/boiling range: not applicable

Vapour density: not applicable

Vapour pressure: not applicable

Melting point/freezing point: not applicable

Solubility in water: 2.0%

Solubility in other solvents: not applicable

Explosive properties: none

Combustibility: Not combustible

Oxidising properties: not an oxidising agent

Evaporation rate: not applicable

Partition coefficient: not applicable

Decomposition temp: no available data

Auto-ignition temp: no data available

**10 Stability and reactivity**

**10.1. Reactivity:** Stable product.

**10.2. Chemical stability:** Chemically stable

**10.3. Possibility of hazardous reactions:**

**10.4. Conditions to avoid:**

**10.5. Incompatible materials:** Avoid contact with hydrogen fluoride, hydrogenated vegetable oils, xenon hexafluoride, oxygen difluoride and chlorine trifluoride.

**10.6. Hazardous decomposition products:**

**11 Toxicological information****11.1 Information on toxicological effects**

Inhalation: May produce coughing. Risk of physical blockage of the upper respiratory tract.

Skin and eyes: Dry skin, roughness. Redness to eyes with irritation/pain.

Ingestion: Dry mouth. Risk of physical blocking of the upper respiratory tract. LD 50 oral (Rat): 3160mg/kg.

Symptoms of contact: See above.

Information on other toxicological effects: Based on available data, the hazard classification criteria are not met for; - acute toxicity, skin corrosion/irritation, serious eye damage/irritation, respiratory or skin sensitisation, germ cell mutagenicity, carcinogenicity, reproductive toxicity, single/repeated exposure effects and aspiration hazard.

(a) acute toxicity; no data available

(b) irritation; no data available

(c) corrosivity; no data available

(d) sensitisation; no data available

(e) repeated dose toxicity; no data available

(f) carcinogenicity; no data available

(g) mutagenicity; no data available

(h) toxicity for reproduction; no data available

**11.2 Other data:** see section 2.3

**12 Ecological information**

**12.1. Toxicity:** Not classified as dangerous for the environment.

Avoid contaminating flora, fauna and aqueous systems. Low solubility in water. Readily forms deposits.  
Ultimate destination of the product: Soil.

**12.2. Persistence and degradability:** no available data

**12.3. Bioaccumulative potential:** no available data

**12.4. Mobility in soil:** no data available

**12.5. Results of PBT and vPvB assessment:** no data available

**12.6. Other adverse effects:**

### 13 Disposal considerations

**13.1. Waste treatment methods** Empty containers: Empty completely. Dispose of as controlled waste.  
Consider recycling route.

EWC code 15 01 02.

Unused/recovered materials: Contact supplier for advice. Use vacuum or wet sweeping to deal with spillages.

Contaminated PPE: Wrap up carefully to avoid raising dust. Dispose of as controlled waste. EWC code 15 02 03.

### 14 Transport information

**14.1. UN number:** N/A

**14.2. UN proper shipping name:** N/A

**14.3. Transport hazard class(es) :** N/A

**14.4. Packing group:** N/A

**14.5. Environmental hazards:** N/A

**14.6. Special precautions for user:** N/A

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** N/A

### 15 Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**15.2. Chemical safety assessment:** Advice on product handling can be found in sections 7 and 8.

### 16 Other information

This data sheet does not constitute a COSHH assessment.

The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the handling, storage and transportation of the preparation. The information provided in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by Killgerm Chemicals Limited for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature.

**DECLARATION concerning Allergens in Vazor DE Powder**

The undersigned hereby declares the following:-

1. Vazor DE Powder does not have allergenic properties.
2. Vazor DE Powder does not contain any of the following items which are typically considered allergens but the product is packaged in a factory where the commodity chemical(s) listed at 2.15 are processed. It is noted however that the processing of 2.15 chemicals is carried out in a separate building using different equipment from that used to package Vazor DE Powder.
  - 2.1 Milk
  - 2.2 Eggs
  - 2.3 Fish
  - 2.4 Crustacea
  - 2.5 Molluscs
  - 2.6 Tree Nuts
  - 2.7 Legumes
  - 2.8 Wheat
  - 2.9 Grains
  - 2.10 Glutens
  - 2.11 Unrefined Oil
  - 2.12 Seeds
  - 2.13 Sulphating agents
  - 2.14 Monosodium Glutamate
  - 2.15 Colourings
  - 2.16 Caffeine
  - 2.17 Yeasts
  - 2.18 Animal/Animal Derived Substances
3. Vazor DE Powder is processed at a site contracted by Killgerm Chemicals Ltd, 115 Wakefield Road, Ossett, West Yorkshire, WF5 9AR and subject to controls inherent in Killgerm's BS EN ISO9001:2008 quality management system.

Signed: \_\_\_\_\_

Philip Dalgliesh, BSc, CChem, MRSC, CSci, MCIWM, CEnv  
Company Chemist  
Killgerm Chemicals Ltd

Date: 2<sup>nd</sup> June 2016

