

**1 Identification of the preparation and the supplying Company**

- 1.1** Rodent Deodorant.  
**1.2** A ready to use deodorizing solution to mask smells caused by inaccessible rodent bodies.  
**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



Flammable category 3   H226: Flammable liquid and Vapour



Aq Chronic 2   H411: Toxic to aquatic life with long lasting effects



Skin Sens 1 H317: May cause an allergic skin reaction

According to Directive 1999/45/EC



Xi May Cause sensitisation by skin contact



N Dangerous for the environment. Toxic to aquatic organisms, may cause long term adverse effects in aquatic environment.



F. Flammable

## 2.2. Label elements

The following safety phrases are appropriate (Directive 1999/45/EC):

**Keep out of reach of children**

**Keep away from sources of ignition- no smoking**

**Avoid contact with skin and eyes**

**After contact with skin wash immediately with plenty of water**

**Wear suitable gloves**

**Keep off skin and clothes**

**Keep only in original container, tightly closed in a cool place**

**Avoid release to the environment. Refer to special instructions/safety data sheet**

**This material and its container must be disposed of in a safe way**

The following precautionary phrases are appropriate (Regulation (EC) 1272/2008):

Signal Word **WARNING**

P261: Avoid breathing fume/mist/vapours/spray

P272: Contaminated work clothing should not be allowed out of the workplace

P280: Wear protective gloves

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking

P233: Keep container tightly closed

P242: Use only non-sparking tools

P273: Avoid release to the environment

P391: Collect spillage

P501: Dispose of contents/container in accordance with national regulation

P403: Store in a well ventilated place

P362: Take off contaminated clothing and wash before reuse

P302+352: IF ON SKIN: Wash with soap and water

P333+313: If skin irritation or a rash occurs: Get medical advice/attention

## 2.3. Other hazard

## 3 Composition and information on ingredients

### 3.2. Mixtures

#### Hazardous Components in Product

| Ingredient Name               | Classification                                                                                                                           | Concentration | R Phrases        | H Phrases                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|--------------------------------------------|
| IMS (ethanol)<br>CAS: 64-17-5 | F Xn<br>Flam. Liq. 2                                                                                                                     | 17.3%w/w      | R11. R20/21/22   | H225                                       |
| Freesia Floral                | Xi N<br>Skin<br>Corrosion/Irritation<br>Category 2<br><br>Eye<br>Damage/Irritation<br>Category 2<br><br>Sensitization-Skin<br>Category 1 | 82.6%w/w      | R38. R43. R51/53 | H304 ,H315 ,<br>H317, H319,<br>,H351, H411 |

|  |                                 |  |  |  |
|--|---------------------------------|--|--|--|
|  | Carcinogenicity<br>Category 2   |  |  |  |
|  | Aspiration Hazard<br>Category 1 |  |  |  |

See section 16 for full text of R-phrases, H phrases

## 4 First Aid measures

### 4.1. Description of first aid measures

Ingestion (swallowing): Wash out mouth with water. Get medical attention

Inhalation: Remove to fresh air

Skin contact: Wash with water. Remove contaminated clothing. If irritation occurs get medical advice

Eye contact: Irrigate immediately with water for 10 minutes. If irritation persists get medical attention

### 4.2. Most important symptoms and effects, both acute and delayed:

### 4.3. Indication of any immediate medical attention and special treatment needed ...See 4.2

## 5 Fire-fighting measures

**5.1. Extinguishing media:** Use dry chemical powder, carbon dioxide or water spray fire extinguishers.

**5.2. Special hazards arising from the substance or mixture:** Toxic fumes will be evolved in a fire.

**5.3. Advice for fire-fighters:** Self-contained breathing apparatus should be worn by fire fighters.

## 6 Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures:** Wear appropriate PPE.

**6.2. Environmental precautions:** Do not allow to enter sewers/surface or ground water. Do not allow to penetrate the ground/soil

**6.3. Methods and material for containment and cleaning up:** Contain and absorb with sand, earth or proprietary product. Shovel into marked container and dispose of via a waste disposal contractor or contact supplier for advice.

### 6.4. Reference to other sections:

## 7 Handling and storage

**7.1. Precautions for safe handling:** Keep off skin and clothes.

Wear suitable gloves.

Use only as directed on label. Do not spray.

Wash hands after work.

Do not place soaked wads against fabrics or building cladding that may be susceptible to damage or colour change.

Do not place soaked wads near sources of ignition, open fires, etc.

Wash skin and eye splashes with clean water. Obtain medical advice if irritation persists.

**7.2. Conditions for safe storage, including any incompatibilities:** Keep away from sources of ignition- no

smoking.

Store tightly closed in a safe place away from children.

Store in original labelled container.

Transport in a manner that avoids package movement within the vehicle.

Classified as flammable. Class 3.3. Packing Group III for transport

## 7.3. Specific end use(s)

## 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         |                               | With high vapour concentrations half mask + A P class filter to required protection factor. Impervious footwear. |
| Gloves              | Unlined synthetic rubber/PVC. | Unlined synthetic rubber/PVC.<br>Overall Type 5/6 Coverall.                                                      |
| Overall             |                               | Type 5/6 Coverall.                                                                                               |
| Goggles/ Faceshield | Face shield to EN 166.        | Face shield to EN 166.                                                                                           |

## 9 Physical and chemical properties

### 9.1. General information

Appearance: Yellow coloured liquid.

Odour: Freesia.

pH: Not applicable

Flash point: 28°C

Density: 0.93

Flammability: Will burn at temperatures below its flash point.

Boiling point/boiling range:

Vapour density: not available

Vapour pressure: not available

Melting point/freezing point:

Solubility in water: Immiscible with water (product floats on water).

Solubility in other solvents:

Explosive properties: not available

Combustibility: combustible

Oxidising properties: not available

Evaporation rate: not available

Partition coefficient: not available

Decomposition temp: not available

Auto-ignition temp: not available

#### **10 Stability and reactivity**

**10.1. Reactivity:** Product is flammable but otherwise stable.

**10.2. Chemical stability:** chemically stable

**10.3. Possibility of hazardous reactions:** not applicable

**10.4. Conditions to avoid:** temperature extremes

**10.5. Incompatible materials:**

**10.6. Hazardous decomposition products:** Oxides of carbon and other toxic products

#### **11 Toxicological information**

##### **11.1 Information on toxicological effects**

Inhalation: Headache, nausea under extreme circumstances

Skin and eyes: Irritating to eyes and skin. May defat the skin on prolonged contact. May cause sensitisation by skin contact.

Ingestion: Irritation to mouth, throat and gastro-intestinal tract.

LD50 for fragrance : Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: 4380mg/l

LD50 data for ethanol: Oral LD50 7060 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rabbit)

Inhalative LC50/4 h >20 mg/l (Mouse)

20000 mg/l (rat)

(a) Acute toxicity: Information has been derived from the properties of the individual ingredients.

(b) Corrosivity/Irritation: See hazard classification data

(c) Sensitisation: contains no known skin or respiratory sensitizers.

(d) Repeated dose toxicity: The product has not been tested. Repeated exposure to small quantities may affect certain organs.

(e) Mutagenicity/Carcogenicity: Product does not contain any ingredients known to have such effects.

(f) Reproductive toxicity: No available data

**11.2 Other data:** see section 2.3

#### **12 Ecological information**

**12.1. Toxicity:** Ecological toxicity has been derived from the properties of individual ingredients. No testing has been carried out.

Ecological toxicity for ingredients is as follows

Ethanol IMS

EC 50 >100 mg/l (Chlorella pyrenoidosa)

EC 50 (24u) >100 mg/l (daphnia magna)

LC 50 (48 u) >100 mg/l (Leuciscus idus)

LC 50 (96 u) 1030 mg/l (fish)

**12.2. Persistence and degradability:** not available

**12.3. Bio-accumulative potential:** not available

**12.4. Mobility in soil:** not available

**12.5. Results of PBT and vPvB assessment:** not available

**12.6. Other adverse effects:**

**13 Disposal considerations**

**13.1. Waste treatment methods:** Empty completely. Dispose of via a waste disposal contractor or contact supplier for advice.

**14 Transport information**

**14.1. UN number:** UN 1169

**14.2. UN proper shipping name:** Extracts aromatic liquid (17.4% ETHANOL, 82.6% AROMATIC EXTRACTS SOLUTION)

**14.3. Transport hazard class(es) :** ADR/RID: Class 3; IMDG-Code: Class 3

**14.4. Packing group:** Packing Group III

**14.5. Environmental hazards:** MARINE POLLUTANT

**14.6. Special precautions for user:**

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

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

Labelling according to Regulation (EC) No 1272/2008

Control of Substances Hazardous to Health Regulations 2002 (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

- Restricted to professional users.
- Refer to other relevant measures such as the Health and Safety at Work etc Act 1974 and the COSHH regulations and guidance.
- The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation.

**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.

R11 Highly flammable

R20 Harmful by inhalation

R21 Harmful in contact with skin

R22 Harmful if swallowed

R38 Irritating to skin/Irritating to skin

R43 May cause sensitisation by skin contact

R51 Toxic to aquatic organisms

R53 May cause long-term adverse effects in the aquatic environment

H225: Highly flammable liquid and vapour

H304: May be fatal if swallowed and enters airways

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

H351: Suspected of causing cancer

H411: Toxic to aquatic life with long lasting effects

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