

# Sakarat Rodent Barrier

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)  
with its amendment Regulation (EU) 2015/830



## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Sakarat Rodent Barrier Metal detectable

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Relevant identified uses:

Use for sealing gaps, holes, cracks, and crevices to prevent ingress by rodents.

#### Uses advised against:

Not to be used other than as identified.

### 1.3. Details of the supplier of the safety data sheet

**Address:** Killgerm Chemicals Ltd, Wakefield Road, Ossett, WF5 9AJ

**Tel:** +44 (0)1924 268 400

**Fax:** +44 (0)1924 265 033

**Email:** technical@killgerm.com

### 1.4. Emergency telephone number

Medical professionals should use National Poisons Information Service Tel: 0870 600 6266.

Killgerm Chemicals Ltd Tel:01924 268452 (Office hours)

Non-medical professionals should seek information by contacting NHS by dialling 111.

## SECTION 2: Hazards identification

### 2.1. Classification of the mixture according to Regulation (EC) No. 1272/2008 [CLP]

**Skin sensitising Cat.1**

**H317:** May cause an allergic skin reaction

### 2.2. Label elements



**GHS07**

**Signal Word:** WARNING

#### Hazard statements:

**H317:** May cause an allergic skin reaction.

#### Precautionary statements:

**P261:** Avoid breathing Spray.

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

**P280:** Wear protective gloves/protective clothing/eye protection/face protection.

**P302+P352:** IF ON SKIN: Wash with plenty of water.

**P321:** Specific treatment (see medical Advice on this label).

**P333+P313:** If skin irritation or rash occurs: Get medical advice/attention.

**P363:** Wash contaminated clothing before re-use.

**P501:** Dispose of contents/container to an approved hazardous waste centre.

**EUH208:** Contains METHYL-0,0'-BUTAN-2-ONE-TRIOXIMOSILANE, BUTANONE OXIME VINYLSILANE, 3-(2-AMINOETHYLAMINO)-PROPYLTRIMETHOXYSILANE. May produce an allergic reaction.

**Safety data sheet available for professional user on request.**

**To avoid risks to human health and the environment, comply with instructions for use.**

### 2.3. Other hazards

None expected under normal conditions of use.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Hazardous Components in Product:

Ingredient Name	Classification	Concentration	H Phrases
METHYL-0,0',0''-BUTAN-2-ONE-TRIOXIMOSILANE CAS number: 22984-54-9 EC number: 245-366-4	Eye irrit. Cat2. Skin sens. Cat1. STOT RE. Cat2	1-5%	H319 H317 H373
BUTANONE OXIME VINYLSILANE CAS number: 2224-33-1 EC number: 218-747-8	Eye irrit. Cat1. Skin sens. Cat1. STOT RE. Cat2	<1%	H318 H317 H373
3-(2-AMINOETHYLAMINO)-PROPYLTRIMETHOXY-SILANE CAS number: 1760-24-3 EC number: 217-164-6	Acute tox. Cat4 Eye Dam. Cat1. Skin sens. Cat1.	<1%	H332 H318 H317

For full text of hazard statements See section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures.

**General:** If during or after use/exposure you begin to feel unwell, seek medical attention bringing a copy of the product label/the SDS.

**Eye contact:** Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If irritation continues SEEK MEDICAL ADVICE.

**Skin contact:** Wipe off excess material with cloth or paper. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

**Ingestion:** DO NOT induce vomiting. IMMEDIATELY rinse mouth and give plenty of water to drink (200-300ml). Give milk instead of water if readily available. DO NOT induce vomiting. Get medical help immediately.

**Inhalation:** Remove victim from source of exposure. Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

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

Inhalation: No specific symptoms noted.  
Ingestion: May cause discomfort if swallowed.  
Skin contact: Allergic rash.  
Eye contact: May cause temporary eye irritation.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media.

**Suitable extinguishing agents:** Water Mist, foam, or carbon dioxide.

**Unsuitable agents:** Do not use water jet.

#### 5.2. Special hazards arising from the substance or mixture.

Hazardous combustion products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Unusual Fire & Explosion Hazards No unusual fire or explosion hazards noted. Specific hazards in case of fire, toxic gases may be formed (COx, NOx).

If extinguishing media or spilt product enters drains or water courses, alert the Environment agency (emergency telephone number 0800 807060) or the relevant water company.

#### 5.3. Advice for firefighters.

Wear self-contained breathing apparatus and appropriate protective equipment. Fire residues and contaminated extinguishing media should be disposed according to current regulation.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment, and emergency procedures.

Wear appropriate PPE (See section 8.2).

#### 6.2. Environmental precautions.

Dispose of following local regulations (See section 13). Do not allow material to enter watercourses.

#### 6.3. Methods and material for containment and cleaning up.

Collect in containers and seal securely. Clean any slippery coating that remains using a detergent/soap solution or other biodegradable cleaner.

#### 6.4. Reference to other sections.

See section 8 for protective clothing / See section 7 for safe handling / See section 13 for disposal.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling.

Avoid spilling, skin and eye contact. Persons susceptible to allergic reactions should not handle this product. Observe good chemical hygiene practices.

Empty container completely and dispose of safely.

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

Store in original container under cool and dry conditions in a secure, well ventilated place, inaccessible to children.

#### 7.3. Specific end use(s).

See section 1.2.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters.

DNEL	PNEC
Workers – Inhalation; Long term systemic effects: 0.988 mg/m <sup>3</sup> Workers – Dermal; Long term systemic effects: 0.14 mg/kg/day General population – inhalation; Long term systemic effects: 0.174 mg/m <sup>3</sup> General population – Dermal; Long term systemic effects: 0.05 mg/kg/day General population – Oral; Long term systemic effects: 0.05 mg/kg/day	- Fresh water; 0.26 mg/l - Marine water; 0.026 mg/l - intermittent release; 0.12 mg/l - STP; 10 mg/l - Sediment (freshwater); 1.02 mg/kg - Sediment (Marinewater); 0.102 mg/kg - Soil; 0.05 mg/kg

#### 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	N/A
Gloves	Use protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.	Use protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.
Overall	Basic type e.g. Heavy duty polycotton or coverall type 5/6	Basic type e.g. Heavy duty polycotton or coverall type 5/6
Goggles	Goggles to EN 166 34	Goggles to EN 166 34

**General safety and hygiene measures:** Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink, and animal feeding stuffs.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties.

Appearance:	Translucent Thixotropic paste with stainless steel fibres.
Odour:	Slight
Odour threshold:	No available data.
pH:	Not applicable.
Melting point/freezing point:	Not applicable.
Initial boiling point/boiling range:	Not applicable.
Flash point:	Not applicable.
Evaporation rate:	Not applicable.
Flammability:	Not applicable.
Upper/lower flammability or explosive limits:	Not applicable.
Vapor pressure:	Not applicable.
Vapor density:	Not applicable.
Relative density:	1.1 @20°C.
Solubility(ies):	Insoluble in water.
Partition coefficient n-octanol/water (log Kow):	Not applicable.
Auto-ignition temperature:	Not applicable.
Decomposition temperature:	No available data.
Viscosity:	8,000-10,000@20°C.
Explosive properties:	Not applicable.
Oxidising properties:	Not applicable.

#### 9.2 Other Information.

No further relevant information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity.

There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability.

Stable at normal ambient temperatures and when used as recommended. Moisture curing process releases: a small amount of butanone-2-oxime (MEKO).

#### 10.3. Possibility of hazardous reactions.

Not known. Will not polymerise.

#### 10.4. Conditions to avoid.

Avoid excessive heat for long periods of time.

#### 10.5. Incompatible materials.

Strong oxidising agents.

#### 10.6. Hazardous decomposition products.

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects.

**Classification of the product was conducted by calculation method according to regulation 1272/2008 based on the content of hazardous ingredients:**

Butanone-2-oxime (MEKO) is damaging to nasal membranes in rats and mice at a concentration in excess of 10ppm over a prolonged period of time.

**a) acute toxicity:** Based on data available classification criteria not met.

**b) irritation:** Skin, eyes, respiratory tract – no irritation potential expected.

**c) corrosivity:** Based on data available classification criteria are not met.

**d) sensitisation:** The product contains a small amount of a sensitising substance which may cause an allergic reaction in sensitive individuals.

**e) repeated dose toxicity:** Based on data available classification criteria are not met.

**f) carcinogenicity:** Product does not contain any compounds with carcinogenic hazard.

**g) mutagenicity:** Product does not contain any compounds with germ cell mutagenicity hazard.

**h) toxicity for reproduction:** Based on data available. classification criteria are not met.

**i) aspiration:** Based on data available. classification criteria are not met.

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### 11.2. Other Data.

See section 2.3

## SECTION 12: Ecological information

### 12.1. Toxicity.

No data available.

### 12.2. Persistence and degradability.

Product is not expected to be readily biodegradable.

### 12.3. Bio accumulative potential.

Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

### 12.4. Mobility in soil.

The product is insoluble in water.

### 12.5. Results of PBT and vPvB assessment.

This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects.

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods.

Disposal of unused product, empty containers and contaminated packaging must be made in accordance with the local law. For information on disposal in the UK contact the environment agency ([www.environment-agency.gov.uk](http://www.environment-agency.gov.uk)) or SEPA ([www.SEPA.org.uk](http://www.SEPA.org.uk)).

Recommended EWC Code 08 04 09 Waste adhesives and sealants containing organic solvents or other hazardous substances. H13 – Sensitising.

## SECTION 14: Transport information

### 14.1. UN number.

Not applicable.

### 14.2. UN proper shipping name.

Not applicable.

### 14.3. Transport hazard class(es).

Not applicable.

### 14.4. Packing group.

Not applicable.

### 14.5. Environmental hazards.

Not applicable.

### 14.6. Special precautions for user.

Not applicable.

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code.

Not applicable.

## SECTION 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).

- 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.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

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### SECTION 16: Other information

Use only in accordance with label instructions.

The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations.

#### Ingredient classification data:

Skin Sensitising Category 1.

H317: May cause an allergic skin reaction.

Eye damage Category 1.

H318: Causes serious eye damage.

Eye Irritant Category 2.

H319: Causes serious eye irritation.

Acute Toxicity Category 4

H332: Harmful if inhaled.

Single target organ toxicity – Repeat exposure Cat.2

H373: May cause damage to organs (Blood) through prolonged exposure if swallowed.

Issue number (date)	Section amended
Issue (May 2015)	Last issue.
Issue (April 2021)	Changes in all areas including composition. No change to hazard classification.

#### This safety 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.