

# Sakarat Fluorescent Tracking Gel



## 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 Fluorescent Tracking Gel

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

**Relevant identified uses:** A ready-to-use rodenticide free fluorescent gel that aids in the detection of rats and mice. For professional use only.

**Uses advised against:** Use only as instructed.

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

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

**Tel:** +44 (0)1924 268 450

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

**Email:** technical@killgerm.com

#### 1.4. Emergency telephone number

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]

Not classified as hazardous according to Regulation (EC) No.1272/2008 [CLP]

#### 2.2. Label elements

**Signal Word:**

None

**Hazard statements:**

None

**Precautionary statements:**

None

**EUH-Statements:**

EUH208 – Contains Methylchloroisothiazolone and Methylisothiazolone. May produce an allergic reaction

EUH210- Safety data sheet available on request.

#### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Hazardous Components in Product

Ingredient Name	Product Identifier	Concentration (%)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Glycerol (Has a national workplace exposure limit(s))	CAS-No: 56-81-5 EC-No: 200-289-5	50-75	Not classified
Aminomethyl Propanol	CAS-No: 124-68-5 EC-No: 204-709-8	<2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS-No: 55965-84-9 EC-No: 911-418-6 EC Index-No: 613-167-00-5	0.001-0.01	Acute Tox. 2 (Inhalation), H330 Acute Tox. 2 (Dermal), H310 Acute Tox. 3 (Oral), H301 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute. 1, H400 (M=100) Aquatic Chronic. 1, H410 (M=100)

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### 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 cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation, pain, blinking or redness persists, seek medical advice.

**Skin contact:** IF ON SKIN (or hair): Remove all contaminated clothing. Wash skin with soap and water. If irritation occurs seek medical advice.

**Ingestion:** DO NOT induce vomiting. GET MEDICAL ATTENTION. Rinse mouth carefully with water. If swallowed, seek medical advice immediately and show the product's container or label where possible.

**Inhalation:** Not applicable

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

Not expected to present a significant hazard under anticipated conditions of normal use.

#### 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, dry chemical, sand or carbon dioxide.

**Unsuitable agents:** Do not use water jet/heavy water stream.

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

The combustion / thermal decomposition of the product may produce carbon oxides, harmful gases. Avoid inhalation of combustion products, may pose a threat to health.

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and appropriate protective equipment.

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Fire residues and contaminated extinguishing media should be disposed according to current regulation.

Warn those at risk that toxic fumes are produced.

### SECTION 6: Accidental release measures

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

Wear appropriate PPE (See 8.2). Avoid direct contact with the product. Evacuate unnecessary personnel. Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

In case of unsealed container or spillage, secure source of contamination and move product to empty emergency container. Gather spillage mechanically, to closed and labelled container and safely dispose. Minimise generation of dust. Cleaning up should be conducted under appropriate ventilation. Area of spillage should be rinsed with water.

#### 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

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

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

Store in original tightly closed container in a secure location away from children and animals when not in use. Store at temperature range 0 – 40 °C. Incompatible with strong bases and strong acids. Store away from sources of ignition and direct sunlight.

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### 7.3. Specific end use(s)

See section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Glycerol (56-81-5)

WEL TWA (OEL TWA) [1]

10 mg/m<sup>3</sup> mist

Regulatory Reference

EH40/2005 (Fourth edition, 2020). HSE

### 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
Respiratory	No requirement under adequate ventilation.	No requirement under adequate ventilation.
Gloves	Protective Gloves to EN 374 e.g. Nitrile.	Protective Gloves to EN 374 e.g. Nitrile.
Overall	coverall type 5/6.	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.

## SECTION 9: Physical and chemical properties

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

Appearance:	Yellow / Red liquid.
Odour:	Odourless
Odour threshold:	No available data.
pH:	7
Melting point/freezing point:	No available data.
Initial boiling point/boiling range:	No available data.
Flash point:	No available data.
Evaporation rate:	No available data.
Flammability:	Non flammable
Upper/lower flammability or explosive limits:	No available data.
Vapor pressure:	No available data.
Vapor density:	No available data.
Relative density:	1.124 kg/dm <sup>3</sup>
Solubility(ies):	No available data.
Partition coefficient n-octanol/water (log Kow):	No available data.
Auto-ignition temperature:	No available data.
Decomposition temperature:	No available data.
Viscosity:	No available data.
Explosive properties:	Not applicable.
Oxidising properties:	No available data.

### 9.2 Other Information

No further relevant information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under recommended conditions of use, storage, and transport.

### 10.2. Chemical stability

Stable under recommended conditions of storage and handling.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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### 10.4. Conditions to avoid

Extremes of temperature and direct sunlight.

### 10.5. Incompatible materials

Strong acids and Strong bases.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.  
During combustion Oxides of carbon and other toxic products will be evolved.

## 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:

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

Ingredient data:

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
LD50 dermal rat	> 1008 mg/kg bodyweight Animal: rat, Guideline: EPA OPP 81-2 (Acute Dermal Toxicity), Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
ATE CLP (Oral)	100 mg/kg bodyweight
ATE CLP (Dermal)	50 mg/kg bodyweight
ATE CLP (Gases)	100 ppmv/4h
ATE CLP (Vapours)	0,5 mg/l/4h
ATE CLP (Dust; mist)	0,05 mg/l/4h
Glycerol (56-81-5)	
LD50 Oral Rat	27 mg/kg bodyweight Animal: rat, Animal sex: female

b) **irritation:** Based on data available classification criteria are not met. pH: 7

c) **corrosivity:** Based on data available classification criteria are not met. pH: 7

d) **sensitisation:** Based on data available classification criteria are not met.

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

f) **carcinogenicity:** Based on data available classification criteria not met.

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.

**STOT** – single exposure: Based on data available classification criteria are not met.

**STOT** – repeated exposure: Based on data available classification criteria are not met.

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
LOAEL (dermal, rat/rabbit, 90 days)	0,525 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: EPA OPP 82-3 (Sub chronic Dermal Toxicity 90 Days)

### 11.2. Other Data

See section 2.3

## SECTION 12: Ecological information

### 12.1. Toxicity

Product was not tested in relation to environmental hazards, it is not classified as hazardous to the aquatic environment (acute and chronic) Product is not hazardous according to Regulation 1272/2008.

Ingredient data:

#### Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

LC50 – Fish [1]	0,19 mg/l Test organisms (species): Oncorhynchus mykiss
LC50 – Fish [2]	0,28 mg/l Test organisms (species): Lepomis macrochirus
EC50 – Crustacea [1]	0,16 mg/l Test organisms (species): Daphnia magna
NOEC (Chronic)	0,1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC Chronic Fish	0,098 mg/l Test organisms (species): Oncorhynchus mykiss Duration: '28 d'

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### Glycerol (56-81-5)

LC50 – Fish [1] 54000 mg/l Test organisms (species): Oncorhynchus mykiss

#### 12.2. Persistence and degradability

Product not tested; no data available.

#### 12.3. Bio accumulative potential

Product not tested; no data available.

#### 12.4. Mobility in soil

Product not tested; no data available.

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

No further data available.

#### 12.6. Other adverse effects

Product isn't toxic for bees. Avoid release into the environment.

## SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Waste product:** Dispose in a safe manner in accordance with local/national regulations, avoid release to the environment.

**Disposing of the packaging:** Emptied and washed containers may be disposed as municipal waste. In other case treat them as waste of the product.

## 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

None

#### 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).

- Restricted to trained professional users in the UK and professional users in Ireland.
- 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.

Contains no REACH substances with Annex XVII restrictions.

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

Contains no substance(s) listed on the PIC list, POP list, Ozone Depletion list, Explosive Precursors list and the Drug Precursors list.

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### 15.2. Chemical safety assessment

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

### SECTION 16: Other information

Use only in accordance with label instructions. Operatives using this product should be trained in its use.  
The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations.

#### Ingredient classification data:

Acute Toxicity Cat. 3 (Oral)	H301 Toxic if swallowed
Acute Toxicity Cat. 2 (Dermal)	H310 Fatal in contact with skin
Skin Corrosion Cat. 1C	H314 Causes severe skin burns and eye damage
Skin Irritation Cat. 2	H315 Causes skin irritation
Skin Sensitiser Cat. 1A	H317 May cause an allergic reaction.
Eye Damage Cat. 1	H318 Causes serious eye damage. Eye Irritation Cat. 2 H319
Causes serious eye damage	
Acute Toxicity Cat. 2 (Inhalation)	H330 Fatal if inhaled
Aquatic Acute Cat. 1	H400 Very toxic to aquatic life
Aquatic Chronic Cat. 1	H410 Very toxic to aquatic life with long lasting effects
Aquatic Chronic Cat. 3	H412 Harmful to aquatic life with long lasting effects.

EUH0208: Contains Methylchloroisothiazolone and Methylisothiazolone. May produce an allergic reaction.

EUH210: Safety data sheet available on request.

Issue number (date)	Section amended
Issue (Oct 2020)	First creation
Issue (Apr 2024)	Updates to Section 2 and ingredient data table added in Section 3.2. Workplace exposure limit and toxicity for ingredient data has been added. Ingredient classification data added in Section 16.

#### 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.