Sakarat Fluorescent Tracking Gel

Safety Data Sheet

According to Regulation (EC) No 1907/2006, Annex II as amended by Regulation (EU) 2020/878

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) Emergency Line 01865407333

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 [CLP]

Not classified

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

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 ≥ 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 substance with national workplace exposure limit(s) (GB)	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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Specific concentration limits:		
Name	**Product identifier**	**Specific concentration limits**
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	(0.0015 ≤ C ≤ 100) Skin Sens. 1A, H317 (0.06 ≤ C < 0.6) Eye Irrit. 2, H319 (0.06 ≤ C < 0.6) Skin Irrit. 2, H315 (0.6 ≤ C ≤ 100) Eye Dam. 1, H318 (0.6 ≤ C ≤ 100) Skin Corr. 1C, H314

SECTION 4: First aid measures

4.1. Description of first aid measures

General: If you feel unwell, seek medical advice (show the label where possible).
Eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing agents: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
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

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

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 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.

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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.

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^3 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.

Personal protective equipment: Avoid all unnecessary exposure.



PPE	Item in use & Spillage
Respiratory	No requirement under adequate ventilation.
Gloves	Protective Gloves to EN 374 e.g. Nitrile.
Overall	Wear suitable protective clothing. Coverall type 5/6.
Goggles	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

Physical State:	Liquid
Colour:	Yellow
Odour:	Odourless
Odour threshold:	Not available
Melting point/freezing point:	Not available
Initial boiling point/boiling range:	Not available
Flammability:	Non flammable
Lower and upper explosion limit:	Not available
Flash point:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
pH:	7
Viscosity:	Not available
Solubility(ies):	Not available
Partition coefficient n-octanol/water (log value):	Not available
Vapor pressure:	Not available
Density and/or relative density:	1.124 kg/dm^3
Relative vapour density:	Not available
Particle characteristics:	Not applicable

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9.2 Other Information

Explosive properties:	Not applicable.
Oxidising properties:	No available data.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

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

Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

(a) Acute toxicity; Not classified. Based on available data, the classification criteria are 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) Skin corrosion/irritation: Based on data available classification criteria are not met. pH: 7

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
pH	3.43 Temp.: 20 °C Concentration: 10 g/L

(c) Serious eye damage/irritation; Based on data available classification criteria are not met. pH: 7

(d) Respiratory or skin sensitisation: Not classified. Based on available data, the classification criteria are not met

(e) Germ cell mutagenicity; Not classified. Based on available data, the classification criteria are not met

(f) Carcinogenicity: Not classified. Based on available data, the classification criteria are not met

(g) Reproductive toxicity; Not classified. Based on available data, the classification criteria are not met

(h) STOT-single exposure; Not classified. Based on available data, the classification criteria are not met

(i) STOT-repeated exposure; Not classified. Based on available data, the 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)

(j) Aspiration hazard; Not classified. Based on available data, the classification criteria are not met

11.2. Information on other hazards

See section 2.3

Endocrine disrupting properties; No additional information available

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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)

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'

Glycerol (56-81-5)

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

12.2. Persistence and degradability

Not established.

12.3. Bio accumulative potential

Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Avoid release to 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 or ID 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. Maritime transport in bulk according to IMO instruments

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.

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 (October 2020)	First creation
Issue (April 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.
Issue (September 2026)	Section titles updated in line with Regulation (EC) No 1907/2006 amended by Regulation (EU) 2020/878. Specific concentration limits and emergency number added

This safety data sheet does not constitute a COSHH assessment.
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