

Yellow Fluorescent Tracking Dust

Safety Data Sheet

Labelling according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019.

Control of Substances Hazardous to Health Regulations 2002 (as amended). The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.



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

1.1 Product identifier

Yellow Fluorescent Tracking Dust

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

Relevant identified uses: Rodent activity monitoring

Uses advised against: Consumer use, cosmetics, personal care products, food colour.

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

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]

Not classified.

2.2. Label elements

No hazard labelling required.

2.3. Other hazards

None expected under normal conditions of use.

2.4. Safety Precautions

No hazard labelling required, according to (EC) No.1272/2008.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P262 Do not get in eyes, on skin, or on clothing.

P270 Do not eat, drink, or smoke when using this product.

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

P273 Avoid release to the environment.

P302+P350 IF ON SKIN: Gently wash with plenty of soap and water.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous Components in Product

Ingredient Name	Classification according to EC regulation 1272/2008 (CLP)	Concentration	H Phrases	LD50 Oral (rat):
Polymer, modified cured hybrid polymer	Not required	95-99.5% (w/w)	N/A	> 2000 mg/kg

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General: Change contaminated clothing. No known symptoms to date.

Eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist.

Skin contact: Thoroughly wash with soap and water.

Ingestion: DO NOT induce vomiting. Rinse mouth carefully with water. Seek medical attention.

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Inhalation: Move victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Seek Medical Advice.

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

No further relevant information available.

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, Water, Foam, Dry chemical, or Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

May form dangerous gasses and vapours in case of fire.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and appropriate protective equipment. Fire residues and contaminated extinguishing media should be treated as hazardous and disposed according to current regulation. Do not allow water used to extinguish fire to enter drains, ground, or waterways. Warn those at risk that toxic fumes are produced. Remove persons not involved upwind.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Wear appropriate PPE. Do not breath dust/vapours/gas/smoke. Avoid contact with skin, eyes, and clothing.

6.2. Environmental precautions

Collect spillage. Do not empty into drains. Discharge into the environment must be avoided.

6.3. Methods and material for containment and cleaning up

No information available.

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

See section 8 for PPE. Provide good ventilation and/or an exhaust system in the work area. Take precautionary measures against static discharge. Avoid formation of dust/air mixtures because of explosion hazard. (minimum ignition energy 3mJ – 30mJ without induction).

7.2. Conditions for safe storage, including any incompatibilities

Store container tightly closed in a cool, well-ventilated place.

7.3. Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Contains no substances with workplace exposure limits.

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
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Respirators	When aerosols and vapours form wear filter apparatus type A (= against vapours of organic substances).	None needed under good ventilation.
Gloves	Protective Gloves to EN 374 e.g., Nitrile.	Protective Gloves to EN 374 e.g., Nitrile.
Overall	Low levels of contamination: coverall type 5/6.	Low levels of contamination: 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:	Light yellow powder.
Odour:	No available data.
Odour threshold:	Not applicable.
pH:	Solid N/A
Melting point/freezing point:	Thermoset > 150°C.
Initial boiling point/boiling range:	No available data.
Flash point:	No available data.
Evaporation rate:	No available data.
Flammability:	No available data.
Upper/lower flammability or explosive limits:	No available data.
Vapor pressure:	No available data.
Vapor density:	No available data.
Relative density:	1.4g/ml.
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:	Danger of dust explosion.
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 normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under recommended conditions of storage and handling.

10.3. Possibility of hazardous reactions

Dust can form explosive mixture with air.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

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10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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. Information has been derived from the properties of the individual ingredients.

b) irritation: Skin, eyes, respiratory tract – no irritation potential expected. Information derived from the properties of the individual ingredients.

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

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: 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.

11.2. Other Data

See section 2.3

SECTION 12: Ecological information

12.1. Toxicity

Ecological toxicity has been derived from the properties of the individual ingredients. No testing has been carried out. Discharge to the environment must be avoided.

12.2. Persistence and degradability

No data available.

12.3. Bio accumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No further data available.

12.6. Other adverse effects

No further data 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) or SEPA (www.SEPA.org.uk), for Ireland contact the Environmental Protection agency (www.epa.ie/). Dispose of unused product in the original container.

Send to a hazardous waste incinerator facility under observation of official regulations.

SECTION 14: Transport information

14.1. UN number

Not Applicable.

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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

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- 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 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:

H302: Harmful if swallowed.

Issue number (date)	Section amended
Oct 2019	Update of all sections due to change of formulation. New product.
Aug 2020	Last review date (no changes)
Aug 2021	Update to regulatory information.
Nov 2023	Update section 2.4, 5.3, 8.2. Updates to wording and layout throughout.

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.