

# Animal Marking Crayon

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 6/4/2019 Revision date: 6/4/2019 Supersedes: 9/27/2018 Version: 9.03

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

#### 1.1. Product identifier

Trade name : Animal Marking Crayon

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Marking of animals

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

Raidex GmbH  
Neuhäuser Str. 17  
72581 Dettingen/Erms - Germany  
T +49 7123-9751-0 - F +49 7123 9751-33  
[info@raidex.de](mailto:info@raidex.de)

##### Email competent person

[sds@kft.de](mailto:sds@kft.de)

#### 1.4. Emergency telephone number

Emergency number : National Health Service (NHS)  
24 hour national number consumer  
England and Scotland: 111  
Wales: 0845 46 47  
Northern Ireland: call your local General Practitioner  
  
Call 999 if there is a life-threatening incident.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Not classified

##### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2. Label elements

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

No labelling applicable

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : If symptoms persist, call a physician.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

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|                                       |                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------|
| First-aid measures after skin contact | : Wash skin with plenty of water. Get medical advice if skin irritation persists. |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                                          |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.                            |

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

No additional 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 media   | : Water spray. Dry powder. Foam. |
| Unsuitable extinguishing media | : Strong water jet.              |

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

|                                                  |                                                                                    |
|--------------------------------------------------|------------------------------------------------------------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). |
|--------------------------------------------------|------------------------------------------------------------------------------------|

### 5.3. Advice for firefighters

|                                |                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
| Other information              | : Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations.     |

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Protective equipment | : Wear recommended personal protective equipment. |
| Emergency procedures | : Ventilate spillage area.                        |

#### 6.1.2. For emergency responders

|                      |                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 6.2. Environmental precautions

Avoid sub-soil penetration. Prevent entry to sewers and public waters.

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

|                         |                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Methods for cleaning up | : Cover spill with non combustible material, e.g.: sand/earth. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. |
| Other information       | : Disposal must be done according to official regulations.                                                                                                 |

### 6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                               |                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------|
| Precautions for safe handling | : Ensure good ventilation of the work station. Wear personal protective equipment.                  |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

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

|                                                          |                                                         |
|----------------------------------------------------------|---------------------------------------------------------|
| Storage conditions                                       | : Store in a well-ventilated place. Keep cool.          |
| Heat and ignition sources                                | : Keep away from heat and direct sunlight.              |
| Information about storage in one common storage facility | : Keep away from food, drink and animal feeding stuffs. |

### 7.3. Specific end use(s)

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No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### Hand protection:

Chemically resistant protective gloves. Nitrile rubber. EN 374. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Apply emollient cream

##### Eye protection:

Sealed safety goggles. EN 166

##### Skin and body protection:

Wear suitable protective clothing. EN 340

##### Respiratory protection:

Inhalation unlikely. In case of unintended release: Breathing apparatus with filter. Filter type: A. . EN 143

##### Environmental exposure controls:

Avoid release to the environment.

### SECTION 9: Physical and chemical properties

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

|                                            |                                |
|--------------------------------------------|--------------------------------|
| Physical state                             | : Solid                        |
| Colour                                     | : Various.                     |
| Odour                                      | : Mineral oil.                 |
| Odour threshold                            | : No data available            |
| pH                                         | : No data available            |
| Relative evaporation rate (butylacetate=1) | : Not applicable               |
| Melting point                              | : No data available            |
| Freezing point                             | : Not applicable               |
| Boiling point                              | : No data available            |
| Flash point                                | : Not applicable               |
| Auto-ignition temperature                  | : No data available            |
| Decomposition temperature                  | : No data available            |
| Flammability (solid, gas)                  | : No data available            |
| Vapour pressure                            | : Not applicable               |
| Relative vapour density at 20 °C           | : Not applicable               |
| Relative density                           | : No data available            |
| Density                                    | : $\approx 0.9 \text{ g/cm}^3$ |
| Solubility                                 | : Insoluble.                   |
| Log Pow                                    | : No data available            |
| Viscosity, kinematic                       | : Not applicable               |
| Viscosity, dynamic                         | : Not applicable               |
| Explosive properties                       | : Not explosive.               |
| Oxidising properties                       | : Non oxidizing.               |
| Explosive limits                           | : Not applicable               |

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

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### 10.1. Reactivity

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

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available.

### 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

|                                   |                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------|
| Acute toxicity (oral)             | : Not classified (Based on available data, the classification criteria are not met)               |
| Acute toxicity (dermal)           | : Not classified (Based on available data, the classification criteria are not met)               |
| Acute toxicity (inhalation)       | : Not classified (Based on available data, the classification criteria are not met)               |
| Skin corrosion/irritation         | : Not classified (Based on available data, the classification criteria are not met)               |
| Serious eye damage/irritation     | : Not classified (Based on available data, the classification criteria are not met)               |
| Respiratory or skin sensitisation | : Not classified (Based on available data, the classification criteria are not met)               |
| Germ cell mutagenicity            | : Not classified (Based on available data, the classification criteria are not met)               |
| Carcinogenicity                   | : Not classified (Based on available data, the classification criteria are not met)               |
| Reproductive toxicity             | : Not classified (Based on available data, the classification criteria are not met)               |
| STOT-single exposure              | : Not classified (Based on available data, the classification criteria are not met)               |
| STOT-repeated exposure            | : Not classified (Based on available data, the classification criteria are not met)               |
| Aspiration hazard                 | : Not classified (Based on available data, the classification criteria are not met. Not relevant) |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                          |                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------|
| Acute aquatic toxicity   | : Not classified (Based on available data, the classification criteria are not met) |
| Chronic aquatic toxicity | : Not classified (Based on available data, the classification criteria are not met) |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### Animal Marking Crayon

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

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### 13.1. Waste treatment methods

|                                   |                                                                                                                                                                              |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regional legislation (waste)      | : Disposal must be done according to official regulations.                                                                                                                   |
| Waste treatment methods           | : Disposal must be done according to official regulations. European waste catalogue. Do not dispose of with domestic waste. Do not discharge into drains or the environment. |
| European List of Waste (LoW) code | : 07 01 99 - wastes not otherwise specified                                                                                                                                  |

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|-----------------------------------------|----------------|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |                |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

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

#### 15.1.1. EU-Regulations

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 subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

Other information, restriction and prohibition regulations

: A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis.

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### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes:

| Section | Changed item     | Change   | Comments |
|---------|------------------|----------|----------|
|         | General revision |          |          |
| 8.2     | Hand protection  | Modified |          |

### Abbreviations and acronyms:

|       |                                                                                                   |
|-------|---------------------------------------------------------------------------------------------------|
|       | GHS classification                                                                                |
|       | CAS (Chemical Abstracts Service) number                                                           |
| ADN   | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
| ADR   | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| IATA  | International Air Transport Association                                                           |
| IMDG  | International Maritime Dangerous Goods                                                            |
| LC50  | Median lethal concentration                                                                       |
| LD50  | Median lethal dose                                                                                |
| PBT   | Persistent Bioaccumulative Toxic                                                                  |
| RID   | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| vPvB  | Very Persistent and Very Bioaccumulative                                                          |
| ATE   | Acute Toxicity Estimate                                                                           |
| BCF   | Bioconcentration factor                                                                           |
| CLP   | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| DMEL  | Derived Minimal Effect level                                                                      |
| DNEL  | Derived-No Effect Level                                                                           |
| EC50  | Median effective concentration                                                                    |
| IARC  | International Agency for Research on Cancer                                                       |
| LOAEL | Lowest Observed Adverse Effect Level                                                              |
| NOAEC | No-Observed Adverse Effect Concentration                                                          |
| NOAEL | No-Observed Adverse Effect Level                                                                  |
| NOEC  | No-Observed Effect Concentration                                                                  |
| OECD  | Organisation for Economic Co-operation and Development                                            |
| PNEC  | Predicted No-Effect Concentration                                                                 |
| SDS   | Safety Data Sheet                                                                                 |
| STP   | Sewage treatment plant                                                                            |
| TLM   | Median Tolerance Limit                                                                            |

Data sources : Information provided by the manufacturer.

Department issuing data : KFT Chemieservice GmbH  
specification sheet: Im Leuschnerpark. 3 64347 Griesheim  
Postfach 1451 64345 Griesheim  
Germany

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KFT SDS EU 00

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*