

# Safety data sheet

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BASF Safety data sheet

Date / Revised: 27.01.2025

Product: **Selontra (TM) Soft Bait**

Version: 3.0

(30640413/SDS\_GEN\_SG/EN)

Date of print: 28.01.2025

## 1. Substance/preparation and manufacturer/supplier identification

**Product name:**  
**Selontra (TM) Soft Bait**

Use: rodenticide

Manufacturer/supplier:

BASF (Malaysia) Sdn Bhd  
Lot 19.02 Level 19, 1 Powerhouse  
No 1 Persiaran Bandar Utama  
47800 Petaling Jaya  
Selangor D.E, MALAYSIA

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## 2. Hazard identification

Classification of the substance and mixture:

No need for classification according to GHS criteria for this product.

Label elements and precautionary statement:

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**Precautionary Statement:**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read carefully and follow all instructions.

The product does not require a hazard warning label in accordance with GHS criteria.

**Other hazards which do not result in classification:**

See section 12 - Results of PBT and vPvB assessment.

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture. This product is hazardous to mammals, including domesticated animals, and birds. Exposure of non-target animals should be prevented.

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### 3. Composition/information on ingredients

Chemical nature

Substance nature: mixture

Biocidal product, rodenticide, Bait

**Contains:**

cholecalciferol (Content (W/W): 0.075 %)

**Hazardous ingredients**

Palm oil

Content (W/W): < 50 %  
CAS Number: 8002-75-3

corn oil

Content (W/W): < 30 %  
CAS Number: 8001-30-7

sucrose

Content (W/W): < 15 %  
CAS Number: 57-50-1

Wheat flour

Content (W/W): < 15 %  
CAS Number: 130498-22-5

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### 4. First-Aid Measures

**General advice:**

Remove contaminated clothing.

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If inhaled:

Keep patient calm, remove to fresh air.

On skin contact:

Wash thoroughly with soap and water

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Rinse mouth and then drink 200-300 ml of water.

Note to physician:

Symptoms: (Further) symptoms and / or effects are not known so far

Hazards: Chronic overexposure has been reported to cause hypercalcemia.

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-Fighting Measures

Suitable extinguishing media:

water spray, foam, dry powder

Unsuitable extinguishing media for safety reasons:

carbon dioxide

Specific hazards:

carbon monoxide, carbon dioxide, nitrogen oxides

The substances/groups of substances mentioned can be released in case of fire.

Special protective equipment:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental Release Measures

Personal precautions:

Avoid inhalation. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

Environmental precautions:

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

For small amounts: Contain with dust binding material and dispose of.

For large amounts: Sweep/shovel up.

Avoid raising dust. Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

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## 7. Handling and Storage

### Handling

No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.

Do not apply in the open – cover bait points or use bait boxes. If dead and/or dying rats or mice are found during and after the control program, these must be cleared away immediately in order to avoid secondary poisoning phenomena.

### Protection against fire and explosion:

No special precautions necessary. The substance/product is non-combustible. Product is not explosive.

### Storage

Segregate from foods and animal feeds. Odour-sensitive: Segregate from products releasing odours. Further information on storage conditions: Keep only in the original container in a cool, well-ventilated place. Keep container dry. Keep away from heat. Protect from direct sunlight. Protect against moisture.

Storage stability:

Storage duration: 60 Months

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## 8. Exposure controls and personal protection

### Components with occupational exposure limits

sucrose, 57-50-1;

TWA value 10 mg/m<sup>3</sup> (ACGIHTLV)

TWA value 10 mg/m<sup>3</sup> (OEL (SG))

corn oil, 8001-30-7;

TWA value 3 mg/m<sup>3</sup> (ACGIHTLV), Respirable particles

TWA value 10 mg/m<sup>3</sup> (ACGIHTLV), Inhalable particles

TWA value 10 mg/m<sup>3</sup> (OEL (SG)), Mist

Palm oil, 8002-75-3;

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TWA value 10 mg/m<sup>3</sup> (OEL (SG)), Mist  
TWA value 3 mg/m<sup>3</sup> (ACGIHTLV), Respirable particles  
TWA value 10 mg/m<sup>3</sup> (ACGIHTLV), Inhalable particles

#### Personal protective equipment

Respiratory protection:

Respiratory protection not required.

Hand protection:

Protective gloves (EN ISO 374-1) are required for the safe handling of this product and are also recommended for protection against rodent-borne diseases.

e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other  
Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

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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## 9. Physical and Chemical Properties

Form: solid  
Colour: grey to green  
Odour: sweetish, faint odour  
Odour threshold: Not determined due to potential health hazard by inhalation.

pH value: approx. 5 - 7  
(1 %(m), 20 °C)  
(as suspension)

Melting point: The product has not been tested.

Boiling point: The product has not been tested.

Flash point: not applicable, the product is a solid

Evaporation rate: not applicable

Flammability (solid/gas): not highly flammable

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Lower explosion limit:

As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

Upper explosion limit:

As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

Ignition temperature:

not applicable, the product is a solid

Thermal decomposition: 24.8 °C , 75.4 kJ/kg (DSC (OECD 113))  
 163.6 °C , 326.1 kJ/kg (DSC (OECD 113))  
 280.9 °C , 55.5 kJ/kg (DSC (OECD 113))

Self ignition: Not a substance liable to self-decomposition according to UN transport regulations, class 4.1.  
 Temperature: 318.0 °C (Method: Regulation 440/2008/EC, A.16)

Self heating ability: It is not a substance capable of spontaneous heating according to UN transport regulations class 4.2.

SADT: > 75 °C  
 Heat accumulation / Dewar 500 ml (SADT, UN-Test H.4, 28.4.4)

Explosion hazard: not explosive

Fire promoting properties: not fire-propagating (Regulation 440/2008/EC, A.17)

Vapour pressure:

not applicable

Density: approx. 1.32 g/cm<sup>3</sup>  
 (20 °C)

Relative density: No data available.

Relative vapour density (air): not applicable

Solubility in water: insoluble  
 Partitioning coefficient n-octanol/water (log Pow): not applicable for mixtures

The statements are based on the properties of the individual components.

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Information on: sucrose  
Partitioning coefficient n-octanol/water (log Pow): -3.27  
Literature data.  
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Viscosity, dynamic: not applicable, the product is a solid  
Viscosity, kinematic: not applicable, the product is a solid

#### Particle characteristics

Particle size distribution: The substance / product is marketed or used in a non solid or granular form. -  
Specific Surface Area: No data available.  
Particle Shape: No data available.  
Dustiness: No data available.

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## 10. Stability and Reactivity

Conditions to avoid:  
See SDS section 7 - Handling and storage.

Thermal decomposition:	24.8 °C, 75.4 kJ/kg (DSC (OECD 113))
Thermal decomposition:	163.6 °C, 326.1 kJ/kg (DSC (OECD 113))
Thermal decomposition:	280.9 °C, 55.5 kJ/kg (DSC (OECD 113))
Thermal decomposition:	Not a substance liable to self-decomposition according to UN transport regulations, class 4.1.

Substances to avoid:  
strong oxidizing agents, strong bases, strong acids

Hazardous reactions:  
No hazardous reactions if stored and handled as prescribed/indicated.

Hazardous decomposition products:  
No hazardous decomposition products if stored and handled as prescribed/indicated.

Chemical stability:  
The product is stable if stored and handled as prescribed/indicated.

Reactivity:  
No hazardous reactions if stored and handled as prescribed/indicated.

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## 11. Toxicological Information

### Routes of exposure

#### Acute oral toxicity

Experimental/calculated data:  
LD50rat (oral): > 5,000 mg/kg (OECD Guideline 425)  
No mortality was observed.

#### Acute inhalation toxicity

LC50 rat (by inhalation):  
Not inhalable due to the physico-chemical properties of the product.

#### Acute dermal toxicity

LD50 rat (dermal): > 5,000 mg/kg  
No mortality was observed.

#### Assessment of acute toxicity

Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion.

#### Symptoms

(Further) symptoms and / or effects are not known so far

#### Irritation

Assessment of irritating effects:  
Not irritating to the eyes. Not irritating to the skin.

Experimental/calculated data:  
Skin corrosion/irritation rabbit: non-irritant

Serious eye damage/irritation rabbit: non-irritant

#### Respiratory/Skin sensitization

Assessment of sensitization:  
There is no evidence of a skin-sensitizing potential.

Experimental/calculated data:  
Buehler test guinea pig: Non-sensitizing.

#### Germ cell mutagenicity

Assessment of mutagenicity:  
The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

#### Carcinogenicity

Assessment of carcinogenicity:



The product has not been tested. The statement has been derived from the properties of the individual components. The results of various animal studies gave no indication of a carcinogenic effect.

Experimental/calculated data:  
No data available.

### **Reproductive toxicity**

Assessment of reproduction toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components. The results of animal studies gave no indication of a fertility impairing effect.

Experimental/calculated data:  
No data available.

### **Developmental toxicity**

Assessment of teratogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components. Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

### **Specific target organ toxicity (single exposure)**

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Remarks: The product has not been tested. The statement has been derived from the properties of the individual components.

### **Repeated dose toxicity and Specific target organ toxicity (repeated exposure)**

Assessment of repeated dose toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components. No substance-specific organotoxicity was observed after repeated administration to animals.

Experimental/calculated data:  
No data available.

### **Aspiration hazard**

The product has not been tested. The statement has been derived from the properties of the individual components.

### **Other relevant toxicity information**

Misuse can be harmful to health.

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## **12. Ecological Information**

## Ecotoxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish:

No data available.

Aquatic invertebrates:

No data available.

Aquatic plants:

No data available.

Microorganisms/Effect on activated sludge:

No data available.

Chronic toxicity to fish:

No data available.

Chronic toxicity to aquatic invertebrates:

No data available.

Information on: corn oil

Toxicity to fish:

LC0 3,000 mg/l, *Leuciscus idus* (OECD 203; ISO 7346; 92/69/EWG, C.1)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Analogous: Assessment derived from products with similar chemical character.

Assessment of terrestrial toxicity:

Hazardous to birds and mammals.

## Mobility

Assessment transport between environmental compartments:

No data available.

The product has not been tested. The statement has been derived from the properties of the individual components.

## Persistence and degradability

Assessment biodegradation and elimination (H<sub>2</sub>O):

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: corn oil

Assessment biodegradation and elimination (H<sub>2</sub>O):

Readily biodegradable (according to OECD criteria).

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

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Information on: Oils, palm  
Assessment biodegradation and elimination (H<sub>2</sub>O):  
Readily biodegradable.  
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### Bioaccumulation potential

Assessment bioaccumulation potential:  
The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: sucrose  
Assessment bioaccumulation potential:  
Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.  
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### Additional information

Other ecotoxicological advice:  
Must not be discharged into the environment.

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## 13. Disposal Considerations

Must be disposed of or incinerated in accordance with local regulations.

Contaminated packaging:  
Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

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## 14. Transport Information

### Domestic transport:

	Not classified as a dangerous good under transport regulations
UN number or ID number	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

### Sea transport

#### IMDG

	Not classified as a dangerous good under transport regulations
UN number or ID number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
	Marine pollutant: no

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Special precautions for user      None known

**Air transport**

IATA/ICAO

	Not classified as a dangerous good under transport regulations
UN number or ID number	Not applicable
Proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

**Maritime transport in bulk according to IMO instruments**

Maritime transport in bulk is not intended.

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**15. Regulatory Information****Other regulations**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

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**16. Other Information**

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Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.