

MATERIAL SAFETY DATA SHEET
MINERAL SALT – G – TKI

SECTION 1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

Trade name: **MINERAL SALT – G – TKI**

1.2. Relevant identified uses of the mixture and uses advised against: Mineral licking block for cattle, horses.

1.3. Details of the supplier of the safety data sheet: TKI Hrastnik, d.d.
Za Savo 6
1430 Hrastnik
Slovenia
Phone.: +386 (0)3 56 43 702
Fax: +386 (0)3 56 44 048
E-mail: info@tki.si
Homepage: <http://www.tki.si>
Responsible for MSDS: msds@tki.si

1.4. Emergency telephone number: Call national poison centre or doctor.
Additional information: +386 (0)3 62 05 xxx (Only available during the following office hours: 7⁰⁰-15⁰⁰)

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the mixture: Not classified as a dangerous substance,

Classification according to Regulation (EC) No 1272/2008 (CLP):

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

Adverse physical, human health and environmental effects:

2.2. Label elements:

Hazard pictogram(s):

Signal word:

Hazard statement(s):

Precautionary statement(s):

2.3. Other hazards:

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixture:

Component	REACH Registration No.	EC No.	CAS No.	INDEX No.	Conc. (%)	Classification according to Regulation (EC) No 1278/2008 (CLP)
Sodium Chloride NaCl	/	231-598-3	7647-14-5	/	< 85	/
Sodium Tripolyphosphate Na ₅ O ₁₀ P ₃	/	231-838-7	7758-29-4	/	> 5	/
Dicalcium phosphate CaHPO ₄ *2H ₂ O	/	/	89-77-777	/	< 5	Eye Irrit. 2, Skin Irrit. 2, STOT SE 3

						H319, H315, H335
Magnesium oxide MgO	/	215-171-9	1309-48-4	/	< 2	Eye Irrit. 2 H319

For full text of H-statements: see SECTION 16.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures:

- General notes:** Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use. Avoid further contact with the mixture. First aid can be administered by trained personnel only.
- Following inhalation:** Not needed.
- Following skin contact:** Generally the product does not irritate the skin. In case of irritations, wash with water and seek medical advice.
- Following eye contact:** Rinse opened for several minutes under running water and seeks medical advice.
- Following ingestion:** If symptoms persist consult doctor.
- Self-protection of the first aider:**

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

- 4.3. Indication of any immediate medical attention and special treatment needed:** Inform doctor of the causes of damage and if possible show the label or safety data sheet.

SECTION 5. FIREFIGHTING MEASURES

- 5.1. Extinguishing media:** The product itself is not flammable; take extinguishing action appropriate to the fire in the surroundings; CO₂, powder or water spray.

Suitable extinguishing media:

Unsuitable extinguishing media:

5.2. Special hazards arising from the substance:

- 5.3. Advice for firefighters:** Approved self-contained breathing apparatus and full protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Wear protective equipment, see section 8.

For emergency responders:

- 6.2. Environmental precautions:** Do not allow to enter sewers/surface or ground water.

- 6.3. Methods and material for containment and cleaning up:** Pick up mechanically.

- 6.4. Reference to other sections:** See section 8 and 13.

SECTION 7. HANDLING AND STORAGE

- 7.1. Precautions for safe handling:** Avoid direct contact with skin and eyes.
- Recommendations:**
- Advice on general occupational hygiene:** Ensure a clean working environment. While working do not eat and drink. After work, wash your hands, undress and wash contaminated clothing.
- 7.2. Conditions for safe storage, including any incompatibilities:** No special requirements. Store in cool, dry conditions in well sealed receptacles protected from humidity. Seal packs tight once opened.
- 7.3. Specific end use(s):** Mentioned in Data Sheet. Before using this product always read the declaration and product information. Use only in accordance with our recommendations.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters:

8.2. Exposure controls:

Appropriate engineering controls:

Personal protection:

The usual precautionary measures are to be adhered to when handling chemicals. After work, wash and care for the skin thoroughly.

Eye/face protection:

Skin protection:

Hand protection: /

Respiratory protection: /

Thermal hazards:

Other:

Environmental exposure controls:

Implement measures to protect the environment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Appearance: White licking block.

Odour: Odorless.

Odour threshold: No data available.

pH: No data available.

Melting point/freezing point: No data available.

Initial boiling point and boiling range: No data available.

Flash point: Not applicable.

Evaporation rate: Not applicable.

Flammability (solid, gas): Not applicable.

Upper/lower flammability or explosive limits: Not applicable.

Vapour pressure: Not applicable.

Vapour density:

Relative density/bulk density: No data available.

Solubility(ies):

**Partition coefficient:
n-octanol/water:** Not applicable.

Auto-ignition temperature: Not applicable.

Decomposition temperature: No data available.

Viscosity: Not applicable.

Explosive properties: Product does not present an explosion hazard.

Oxidising properties:

9.2. Other information:**SECTION 10. STABILITY AND REACTIVITY**

10.1. Reactivity: This material is stable under normal handling and storage conditions described in Section 7.

10.2. Chemical stability: Stable at recommended storage conditions.

10.3. Possibility of hazardous reactions: No dangerous reactions known.

10.4. Conditions to avoid: No decomposition if used according to specifications.

10.5. Incompatible materials: Not known.

10.6. Hazardous decomposition products: Not known.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Acute toxicity: No data available.

Skin corrosion/irritation: Slightly irritant effect.

Serious eye damage/irritation: Slightly irritant effect.

Respiratory or skin sensitisation: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration hazard: No data available.

Information on likely routes of exposure:

Inhalation: No data available.

Ingestion: No data available.

Skin contact: No data available.

Eye contact: No data available.

Symptoms related to the physical, chemical and toxicological characteristics: Not known.

Delayed and immediate effects Not known.

as well as chronic effects from short and long-term exposure:

Interactive effects: No data available.

Absence of specific data: No data available.

Mixture versus substance information: No data available.

Other information: When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity:

12.2. Persistence and degradability: Methods for determining biodegradability are not applicable to inorganic substances.

12.3. Bioaccumulative potential:

12.4. Mobility in soil:

12.5. Results of PBT and vPvB assessment:

12.6. Other adverse effects: Do not allow product to reach ground water, water course or sewage system.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Disposal of the substance or preparation: Disposal must be made according to official regulations.

Disposal of the contaminated packaging: Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number: No dangerous good.

14.2. UN proper shipping name:

14.3. Transport hazard class(es):

14.4. Packing group:

14.5. Environmental hazards:

14.6. Special precautions for user:

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code: The mixture is not intended to be transported in bulk.

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the mixture: Regulation (EC) No. 1907/2006, Regulation (EC) No. 1272/2008, Chemicals Act 110/03, Health and Safety at Work Act 43/11 with all amendments and supplements.

15.2. Chemical safety assessment:

SECTION 16. OTHER INFORMATION

List hazard statements and precautionary statements:

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Abbreviations and acronyms:

Eye Irrit. 2: Eye irritation.
Skin Irrit. 2: Skin irritation.
STOT: specific target organ toxicity
PBT: persistent, bioaccumulative and toxic
vPvB: very persistent and very bioaccumulative

Training advice:

Workers must be trained in safe handling of the chemical in accordance with current legislation on health and safety at work and in the field of chemicals.

Additional information:

Obtain additional information on the telephone number listed in Section 1.

Sources:

Safety data sheet for raw materials.

Information, which has been added, deleted or revised:

Changes in contact of the supplier.

Other information:

This safety data sheet was prepared on the basis of existing legislation. The information in this safety data sheet relating to today's knowledge and experience are important for the safe handling, storage and transportation of chemicals and waste disposal. The consequences of non-compliance with the instructions contained in this safety data sheet do not assume any responsibility. Responsibility of the customer's is to know and take into account the legal requirements relating to the use of the product in order to protect persons, organization of the working environment and environmental protection.