

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**Product name: **Calcium Test Reagent #2**Synonyms: **Reagent # 1112****1.2 Relevant identified uses of the substance of mixture and uses advised against**

Calcium Test Reagent for product TK-107

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Individual entrepreneur Mandryka Oksana

Str, Zoryana, 20, vil. Obuhovka,

Dnipro reg. 52030

Ukraine

+380661980427

main@rikka.uaFurther information obtainable from: Product department: main@rikka.ua**1.4 Emergency telephone number:**

N/A

SECTION 2: Hazards identification**2.1 Classification of substance/mixture****Classification according to Regulation (EC) No 1272/2008**

| |
|----------------|
| Not classified |
|----------------|

See section 16 for the full text of the hazard statements declared above

2.2 Label elements**Labeling according to Regulation (EC) No 1272/2008***The product is classified and labelled according to the CLP regulation.***Hazard pictogram(s):** Not required**Signal word:** Not required**Hazard statement(s):** Not required**Precautionary Statement(s):** Not required**2.3 Other hazards:**

Not available.

SECTION 3: Composition/information of dangerous ingredients

Not available.

See section 16 for the full text of the H-statements declared above.

There are no additional ingredients present, which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: No special measures required.

After inhalation: Supply fresh air; consult doctor in case of complaints

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

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

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Not Suitable: No further relevant information available.

5.2 Special hazards arising from the substance or mixture:

No further relevant information available.

5.3 Advice for firefighters

No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedure:

Not required.

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 and place in a suitable container for reclamation or disposal, using a method that does not generate dust.

6.4 Reference to the other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

No special measures required.

Information about fire and explosion protection: No special method required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: No required.

Further information about storage conditions: None.

7.3 Specific end use(s):

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace: No required.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls



Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Wear appropriate respirator when ventilation is inadequate.

Protection of hands:

The glove material has to be impermeable and resistant to the product/the substance/the preparation.

Selection of glove material on consideration of the penetration times, rates of diffusion and the degradation.

Materials of gloves:

The selections of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through times has to be found out by manufacturer of the protective gloves and has to be observed. For the permanent contact gloves made of the following materials are suitable:

NATURAL RUBBER, NATURAL+NEOPRENE, NEOPRENE, NEOPRENE/NATURAL, NITRILE, PE, PVC, SARANEX-23. Recommended thickness of the material: ≥ 0.4 mm

Eye protection: No required.

Skin protection: Wear appropriate long-sleeved clothing to minimize skin contact.

During normal non-professional use of the chemical kit no personal protective equipment is required.

However, in case of manufacture or spillage, use as appropriate to the size of the spill.

Environmental exposure controls: Not available

Other protection:

Overalls.

PVC Apron.

PVC protective suit may be required if exposure severe.

Eyewash unit.

SECTION 9: Physical and chemical properties

Calcium test kit

| | <u>Reagent Ca №2</u> |
|---|--|
| Appearance: | Violetish powder |
| Odor: | None |
| Odor threshold: | N/A |
| pH | Not determined |
| Melting point/Freezing point: | Not determined |
| Initial boiling point/boiling range: | Not determined |
| Flash point: | Not applicable |
| Evaporation rate: | Not determined |
| Flammability: | Non-combustible |
| Upper/lower flammability or explosive limits: | Non-combustible |
| Vapor pressure: | Not determined |
| Vapor density: | Not determined |
| Relative Density: | Not determined |
| Solubility(water): | Completely soluble to give a neutral solution. |
| Partition coefficient Octanol/Water: | Not determined |
| Auto-ignition temperature: | Not determined |
| Decomposition temperature: | Not determined |
| Viscosity: | Not determined |
| Explosive properties: | Product does not present an explosion hazard |
| Oxidizing properties: | Not applicable |

SECTION 10: Stability and reactivity

10.1 Reactivity:

No further relevant information available.

10.2 Chemical stability:

No decomposition if used according to specifications. See section 7.

10.3 Possibility of hazardous reactions:

No dangerous reactions known.

10.4 Conditions to avoid:

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition product:

No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information of toxicological effects

Inhaled: Based on available data, the classification criteria are not met.

Ingestion: Based on available data, the classification criteria are not met.

Skin Contact: Based on available data, the classification criteria are not met.

Eye: Based on available data, the classification criteria are not met.

Chronic: Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Other effects:

No further relevant information available.

SECTION 12: Ecological information

12.1 Toxicity:

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability:

No further relevant information available.

12.3 Bioaccumulative potential:

No further relevant information available.

12.4 Mobility in soil:

No further relevant information available.

Additional ecological information:

General notes:

Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

12.6 Other adverse effects:

SECTION 13: Disposal considerations


13.1 Waste treatment methods

Recommendation: Dispose of empty containers in the household refuse. Rinse small amounts of product residue out with water. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Uncleaned packaging: Empty containers should be taken for local recycling, recovery or waste disposal.

Recommendation: Disposal must be made according to local regulations.

SECTION 14: Transport information

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|--|--|
| 14.1 UN number - ADR, ADN, IMDG, IATA | 3316 |
| 14.2 UN proper shipping name - ADR - AND - IATA | CHEMICAL KIT CHEMICAL KIT CHEMICAL KIT |
| 14.3 Transport hazard class(es) - ADR, ADN, IMDG, IATA - Class - Label |  9 Miscellaneous 9 |
| 14.4 Packing group - ADR, ADN, IMDG, IATA | II |
| 14.5 Environmental hazards - Marine pollutant: | No |
| 14.6 Special precautions for user - Danger code (Kemler): - EMS Number: - Segregation groups - Stowage Category - Stowage Code | Not available |
| 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |

SECTION 15: Regulatory information

This SDS complies with the following requirements of:
 EU Regulation (EC) No.1907/2006 (REACH) including amendments
 Regulation (EC) No.1272/2008 (CLP)
 29 CFR 1910.1200 (OSHA HCS)

15.1 Safety, health and environmental regulation/legislation specific for the substance or mixture.

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

TSCA inventory

All components of the product are listed in the TSCA inventory.

SECTION 16: Other information

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| Health hazard: 0 Fire hazard: 0 Reactivity hazard: 0 Specific hazard: – |
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Full text of Hazards Statements referred to in sections 2 and 3:

Met. Corr. - Substance or mixture corrosive to metals
Skin Corr. - Skin corrosion
Eye Irrit.- Eye irritation
H290: May be corrosive to metals.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318 Causes serious eye damage
H335: May cause respiratory irritation.

Training advice: Before using/handling the product one must read carefully present SDS.

Key Legend Information:

CAS - Chemical Abstract Service
ACGIH - American Conference of Governmental Industrial Hygienists
OSHA - Occupational Safety and Health Administration
N/A - Not available
H-statements - Hazard statements
TLV - Threshold Limit Value
TWA - Time-weighted average
STEL - Short-Term Exposure Limit
CSA - Chemical safety assessment
TSCA - United States Toxic Substances Control Act Inventory

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