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Section 1: Identification

1.1 Product identifier used on the label

Product form: Mixture

Product Name: SILOCHEM-GIS

1.2 Recommended use of the chemical and restrictions on use:

Use of the substance/mixture: Fertilizer Used For Nutritional Purposes In Vegetable Production

1.3 Information of the Supplier of Safety Data Sheet

Manufacturer: NOVICHEM KIMYA ZIRAAT SANAYI VE TICARET LIMITED SIRKETI

Address: GAZILER MAH 253 SK NO:6 C KEPEZ / ANTALYA

E-mail: info@novichem.com.tr

1.4 Information on security:

Phone: +90 535 244 39 53

1.5 Emergency phone number

For Chemical Emergency Call CHEMTREC 24hr/day 7days/week Within USA and Canada: +1-800-424-9300 Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

Emergency response center: 911 Fire department: 800-238-3358

Section 2: Hazard(s) Identification

2.1. Classification of the substance or mixture

Physical Effect: There is no physical danger.

Potential Acute Effect on Health: There is no health effect available.

Effects on environment: There is no environment effect

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2.2. GHS Label elements, including precautionary statements

GHS US classification

Signal pictograms: Not classified. **Signal word:** Not classified.

Hazard statements: Not classified.

Precautionary statements: Not classified.

2.3 Additional information

This substance does not qualify as PBT or vPvB.

Section 3: Composition/Information on Ingredients

3.1 Substances

Not applicable.

3.2 MixturesS

Chemical Name	EC	CAS	Concentration (%)	GHS Classification
Silicon dioxide	643-045-7	7631-86-9	≤10	Not Classified

Full text of hazard classes and H-statements: see section 16

Section 4: First-Aid Measures

4.1 Description of first aid measures

First-aid measures general: Call a physician immediately.

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

First-aid measures after skin contact: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.

First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

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First-aid measures after ingestion: Rinse mouth. Do not induce vomiting. Call a physician

immediately.

4.2 Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact: No effect available. Symptoms/effects after eye contact: No effect available. Symptoms/effects after ingestion: No effect available.

4.3 Immediate medical attention and special treatment, if necessary

Treat symptomatically.

Section 5: Fire-Fighting Measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Hazardous combustion products: Carbon oxides (CO, CO2)

Hazardous decomposition products in case of fire: Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing

Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. May be dangerously slippery if spilled.

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

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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 mixing with sewers/surface water/ground water. In case of mixing into waters or sewers, notify the competent authorities. If there is no safety hazard, prevent further leakage or spillage.

6.3. Methods and material for containment and cleaning up

Absorb the spilled product with sand, earth or other absorbent material and place it in a suitable container for waste. Clean the spill area with plenty of water.

6.4. Reference to other sections

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. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment. **Hygiene measures:** Wash contaminated clothing before reuse. 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

Store in its original packaging. Store in a well-ventilated area.

7.3. Specific End Use(s)

The defined uses of this product are detailed in Section 1.2.

Section 8: Exposure Controls/Personal Protection

Occupational exposure limits

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No data available.

8.2. Appropriate engineering controls

Appropriate engineering controls: Ensure good ventilation of the work station.

Environmental exposure controls: Avoid release to the environment

8.3. Individual protection measures/Personal protective equipment

Hand protection: Protective gloves. EN 374 Eye protection: Safety glasses. EN 166

Skin and body protection: Wear suitable protective clothing

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):







SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Liquid Odor: Odorless Color: Pink

Odor Threshold: No data available

pH value: 10

Melting Point: No data available Initial Boiling Point: No data available Freezing point: No data available Flash Point: No data available Melting Point: No data available Evaporation Rate: No data available

Flammability (Solid, Gas): No data available

Upper / Lower Explosion Limits: No data available

Vapor Pressure: No data available Vapor Density: No data available

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Refractometric value: No data available

Density: 1,3

Solubility: No data available

Partition Coefficient: No data available

Flammability Temperature: No data available Decomposition Temperature: No data available

Viscosity: No data available

Flammability Feature: No data available Explosion Properties: No data available

9.2. Other information

No additional information available

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 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

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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: No data available.

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)

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity: The product is not classified as harmful to the environment.

12.2. Persistence and degradability

There are no short-term hazardous decomposition products. The product itself and its decomposition products are non-toxic.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

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12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional legislation (waste): Dispose in a safe manner in accordance with local/national regulations. Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions

SECTION 14: Transport information

Department of Transportation (DOT)

Transport document description: Not classified as a dangerous good.

UN-No.(DOT): Not classified as a dangerous good.

Proper Shipping Name (DOT): Not classified as a dangerous good.

Class (DOT): Not classified as a dangerous good.

Packing group (DOT): Not classified as a dangerous good. Hazard labels (DOT): Not classified as a dangerous good.

Transport by sea

Transport document description (IMDG): Not classified as a dangerous good.

UN-No. (IMDG): Not classified as a dangerous good.

Proper Shipping Name (IMDG): Not classified as a dangerous good.

Class (IMDG): Not classified as a dangerous good.

Packing group (IMDG): Not classified as a dangerous good.

Air transport

Transport document description (IATA): Not classified as a dangerous good.

UN-No. (IATA): Not classified as a dangerous good.

Proper Shipping Name (IATA): Not classified as a dangerous good.

Class (IATA): Not classified as a dangerous good.

Packing group (IATA): Not classified as a dangerous good.

SECTION 15: Regulatory information

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15.1 International Regulations

EU: EU CLP stands for the Regulation (EC) No 1272/2008 on the Classification, Labeling and Packaging of Substances and Mixtures

TUR: BY-LAW ON REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS (Official Gazette No: 23.06.2017-30105)

15.2 US State regulations

Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

- U.S. West Virginia Water Quality Groundwater Standards Ceiling Concentrations
- U.S. West Virginia Schedule V Controlled Substances
- U.S. West Virginia Schedule IV Controlled Substances
- U.S. West Virginia Schedule III Controlled Substances
- U.S. West Virginia Schedule II Controlled Substances
- U.S. West Virginia Schedule I Controlled Substances
- U.S. West Virginia Air Quality Toxic Air Pollutant Emission Limits
- U.S. Pennsylvania Schedule V Controlled Substances
- U.S. Pennsylvania Schedule I Controlled Substances
- U.S. Pennsylvania Schedule II Controlled Substances
- U.S. Pennsylvania Schedule III Controlled Substances
- U.S. Pennsylvania Schedule IV Controlled Substances
- U.S. Pennsylvania RTK (Right to Know) List
- U.S. Pennsylvania RTK (Right to Know) Special Hazardous Substances
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania Drinking Water Secondary Maximum Contaminant Levels (SMCLs)
- U.S. Pennsylvania Drinking Water Maximum Residual Disinfectant Levels (MRDLs)
- U.S. Pennsylvania Drinking Water Maximum Contaminant Levels (MCLs)
- U.S. Pennsylvania Beneficial Use of Sewage Sludge by Land Application Pollutant Ceiling Limits
- U.S. New York City Right to Know Hazardous Substances List
- U.S. New York Reporting of Releases Part 597 List of Hazardous Substances
- U.S. New York Priority Chemical Avoidance List
- U.S. New York Part 326 Restricted Pesticides
- U.S. New York Occupational Exposure Limits TWAs

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- U.S. New York Occupational Exposure Limits Skin Designations
- U.S. New York Occupational Exposure Limits No Exposure Permitted
- U.S. New York Occupational Exposure Limits Mineral Dusts
- U.S. New York Occupational Exposure Limits Ceilings
- U.S. New York Ambient Air Quality Standards
- U.S. New Jersey Water Quality Practical Quantitation Levels (PQLs)
- U.S. New Jersey Water Quality Ground Water Quality Criteria
- U.S. New Jersey TCPA Extraordinarily Hazardous Substances (EHS)
- U.S. New Jersey Special Health Hazards Substances List
- U.S. New Jersey Secondary Drinking Water Standards Recommended Upper Limits (RULs)
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. New Jersey Primary Drinking Water Standards Maximum Contaminant Levels MCLs
- U.S. California Safer Consumer Products Initial List of Candidate Chemicals and Chemical Groups
- U.S. Delaware Accidental Release Prevention Regulations Sufficient Quantities
- U.S. Delaware Accidental Release Prevention Regulations Threshold Quantities
- U.S. Delaware Accidental Release Prevention Regulations Toxic Endpoints
- U.S. Delaware Pollutant Discharge Requirements Reportable Quantities
- U.S. Delaware Volatile Organic Compounds Exempt from Requirements
- U.S. Florida Drinking Water Standards Inorganic Contaminants Maximum Contaminant Levels (MCLs)
- U.S. Florida Drinking Water Standards Secondary Maximum Contaminant Levels (SMCLs)
- U.S. Florida Drinking Water Standards Synthetic Organic Contaminants Maximum Contaminant Levels (MCLs)
- U.S. Florida Drinking Water Standards Volatile Organic Contaminants Maximum Contaminant Levels (MCLs)
- U.S. Florida Essential Chemicals List
- U.S. Idaho Carcinogenic Toxic Air Pollutants Acceptable Ambient Concentrations
- U.S. Idaho Carcinogenic Toxic Air Pollutants Emission Levels (ELs)
- U.S. Idaho Non-Carcinogenic Toxic Air Pollutants Acceptable Ambient Concentrations
- U.S. Idaho Non-Carcinogenic Toxic Air Pollutants Emission Levels (ELs) U.S. Idaho -Occupational Exposure Limits - Acceptable Maximum Peak Above the Ceiling Concentration for an 8-Hour Shift
- U.S. Idaho Occupational Exposure Limits Ceilings
- U.S. Idaho Occupational Exposure Limits Mineral Dusts
- U.S. Idaho Occupational Exposure Limits TWAs
- U.S. Idaho Schedule I Controlled Substances

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- U.S. Idaho Schedule II Controlled Substances
- U.S. Idaho Schedule III Controlled Substances
- U.S. Idaho Schedule IV Controlled Substances
- U.S. Idaho Schedule V Controlled Substances
- U.S. Idaho Schedule VI Controlled Substances
- U.S. Massachusetts Allowable Ambient Limits (AALs)
- U.S. Massachusetts Allowable Threshold Concentrations (ATCs)
- U.S. Massachusetts Drinking Water Maximum Contaminant Levels (MCLs)
- U.S. Massachusetts Drinking Water Maximum Residual Disinfectant Levels (MRDLs)
- U.S. Massachusetts Drinking Water Secondary Maximum Contaminant Levels (SMCLs)
- U.S. Massachusetts Drinking Water Guidelines
- U.S. Massachusetts Groundwater Protection List (333 CMR12.00)
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration - Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration - Reporting Category 2
- U.S. Massachusetts Oil & Hazardous Material List Reportable Quantity
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration -Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration -Reporting Category 2
- U.S. Massachusetts Right To Know List
- U.S. Massachusetts Threshold Effects Exposure Limits (TELs)
- U.S. Massachusetts Toxics Use Reduction Act
- U.S. Massachusetts Volatile Organic Compounds Exempt From Requirements
- U.S. Minnesota Chemicals of High Concern
- U.S. Minnesota Chemicals of High Concern Persistent Bioaccumulative Toxins
- U.S. Minnesota Groundwater Health Risk Limits
- U.S. Minnesota Hazardous Substance List
- U.S. Minnesota Permissible Exposure Limits Ceilings
- U.S. Minnesota Permissible Exposure Limits Skin Designations
- U.S. Minnesota Permissible Exposure Limits STELs
- U.S. Minnesota Permissible Exposure Limits TWAs
- U.S. Minnesota Precursor Chemicals U.S. Minnesota Schedule I Controlled Substances
- U.S. Minnesota Schedule II Controlled Substances
- U.S. Minnesota Schedule III Controlled Substances
- U.S. Minnesota Schedule IV Controlled Substances

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• U.S. - Minnesota - Schedule V Controlled Substances

- U.S. New Jersey Control and Prohibition of Air Pollution by Toxic Substances
- U.S. New Jersey Discharge Prevention List of Hazardous Substances
- U.S. New Jersey Environmental Hazardous Substances List
- U.S. New Jersey Excluded Volatile Organic Compounds
- U.S. New Jersey Primary Drinking Water Standards Action Levels ALs

SECTION 16: Other information

16.1. Revision date

Revision date: -

Changes: first preparation

16.2. Shortcuts

SDS: Safety Data Sheet

CAS: Service registration number of chemicals

EINECS: European Inventory of Chemical Substances

SEA: Regulation on Classification, Labeling and Packaging of Substances and Mixtures published in

RG.-11/12 / 2013-28848

CLP: EU Directive 1272/2008 < Classification, Labeling and Packaging of Substances and Mixtures>

TWA: Measured or calculated time-weighted average for a specified reference time of 8 hours

STEL: The maximum exposure value that must not be exceeded for a period of 15 minutes unless otherwise specified.

Mg / m3: at 20 ° C and 101.3 KPa. (760 mm mercury pressure) The amount of material in milligrams of 1 m3 of air at pressure

ppm: the amount of material contained in 1 m3 of air in milliliters (ml / m3)

NIOSH: The National Institute for Occupational Safety and Health CEN: Normalization at the European Commission

NTP: (National Toxicology Program) National Toxicology Program

IARC: The International Agency for Research on Cancer

OSHA: (Occupational Safety and Health Association)

EWC: (European Waste Catalog) European Union Waste Catalog

ADR: Transport of Dangerous Goods

RID: Transport of dangerous goods by rail

ADNR: Regulation on the Carriage of Dangerous Goods in Rivers

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IMDG: Regulation on training and authorization within the scope of international code on dangerous

cargoes transported by sea

ICAO: International Civil Aviation Organization

IATA: International Air Transport

16.3 Reference and Sources

- The key information sources used in the editing of this safety data sheet are as follows
- Data sheets for raw materials and product components
- Regulations and annexes on the preparation and distribution of safety data sheets for dangerous goods and preparations
- UN ADR, IMDG, IATA LISTS
- ECHA (European Chemicals Agency). Supplier's safety documents

16.4 Method / procedure used for classification and classification of mixtures:

Not classified.

16.5 Full text of H-Statements based on sections 2 and 3

H373: May cause damage to organs

16.6. Other informations

This document has been issued by the person (s) certified in accordance with the regulations by making use of the safety data sheets provided by the manufacturer.

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Preparer

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Contact information: zeynep@ozecogroup.com

Document No: NBC04.74.07- Chemical Assessment Expert

Certificate validity date: 17.04.2029

Other informations

Use and application information is given in the technical leaflets of the products. The details are based on the information we have today and do not represent any assurance on product quality, nor can **SILOCHEM-GIS** was prepared on behalf of **NOVICHEM KIMYA ZIRAAT SANAYI VE TICARET LIMITED SIRKETI**