



DIAMIX



The Diamix Group is made up of diatomite extraction, research and product development companies, including the largest diatomite production facilities in Russia



□ **GDK Mining company**
Diatomite extraction and sales



□ **NTC Research and Technology Center**
Research and certification of Silica products
Development of new technologies



□ **Diatomovy Kombinat**
Manufacture of diatomite products

History

- 1928 – Company founded on the site of the largest diatomite deposit in Russia
- 1933-1990 – Company became the largest producer and exporter of thermal insulation products made from diatomite in the USSR and satellite countries
- 1998 – Company's management transformed to adopt market-oriented system
- 2000-2009 – Modernization of production technology. Shift to become an export-oriented company
- 2005 – Company's quality management system certified in accordance with ISO standard by TÜV
- 2005-2010 – Expansion of R&D with a focus on internal innovation. Technology research and development for a wider range of diatomite products
- 2008-2010 – Building of a new diatomite-based absorbent and filler plant. Rebranding

Raw material base



Diatomite reserves
40 mln m³

Chemical composition:

SiO₂	up to 90%
Al₂O₃	5-9%
Fe₂O₃	2-3%
CaO	0,4-0,8%
MgO	0,6 – 1,7%

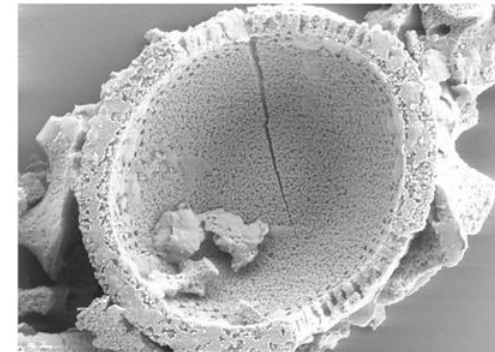
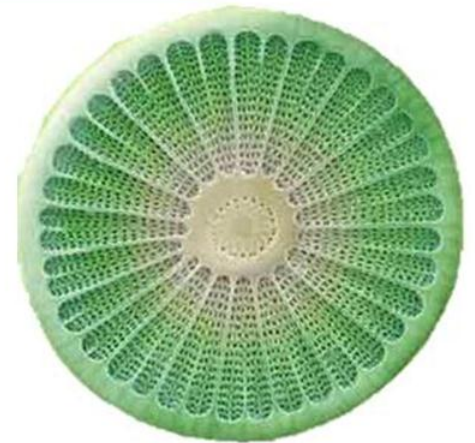
The company owns the rights to exploit the largest developed deposit of diatomite in Russia – the Inza deposit

The Inza diatomite deposit:

- is of marine Paleocene origin
- has excellent absorption capacity
- is homogeneous in its chemical composition and physical properties
- has consistent high quality

Unique diatoms

- Diatomite is a light, fine, porous rock consisting of tiny opalescent folds of ancient diatomite algae – diatoms
- The size of the folds of diatomite algae varies from 0,005 to 0,2 mm. The folds have a nanoporous surface and some of their parts measure just 100 nanometers
- Diatomite consists of up to 86-90% amorphous silica; the rest is the clay content



Production

The DIAMIX GROUP's new plant in the town of Inza, in the Ulyanovsk region, is fully equipped with modern machinery and it has excellent road and rail transport links




Production




Products

BIOSILICA

-  BIOSILICA is used as an active mineral additive for dry building mixtures, mortars and concretes



DIASIL

-  DIASIL is a diatomite powder used as a functional filling agent in dry building mixtures, concretes, grouting mortars and polymers

The DIASIL logo, featuring the word "DIASIL" in a bold, white, sans-serif font, set against a dark blue rectangular background.

Products

SORBIN

- ❑ SORBIN is a mineral multifunctional absorbent used for removing any toxic, flammable or explosive spillages from any solid surface



THERMOLIT

- ❑ THERMOLIT is used as an aggregate in lightweight insulating concrete and mortar. THERMOLIT is ideally suited as a loose-fill insulation for furnace cavities and for the leveling of furnace bottoms and hearths



Products

ADSOIL

- ❑ ADSOIL is a soil conditioner widely used in golf courses and sport fields, container and indoor plants, as well as for landscape and garden applications


There are four grades of ADSOIL for different types of soil:

- ❑ ADSOIL STANDARD
- ❑ ADSOIL STANDARD PLUS
- ❑ ADSOIL UNIVERSAL
- ❑ ADSOIL EXTRA




Products

BOKORETRON

-  BOKORETRON is an animal feed additive used for farm livestock and family animals




ECOMAT

-  ECOMAT is a dry, hygienic material used as an absorbent bedding and for controlling insects in livestock locations



DECO SORB

-  DECOSORB is used for the bleaching and decolourization of plant and technical oils, greases, wax and other products



Markets

Oil and chemical industries

Absorbents for clearing up and preventing spills from oil products and toxic, flammable or explosive materials

High temperature insulation

Filling agents for fire-resistant, light concretes; aggregates for thermal insulation of kilns; technical equipment, etc.

Construction engineering

Active mineral additives and functional filling agents for dry building mixtures, concretes and mortars

Food industry

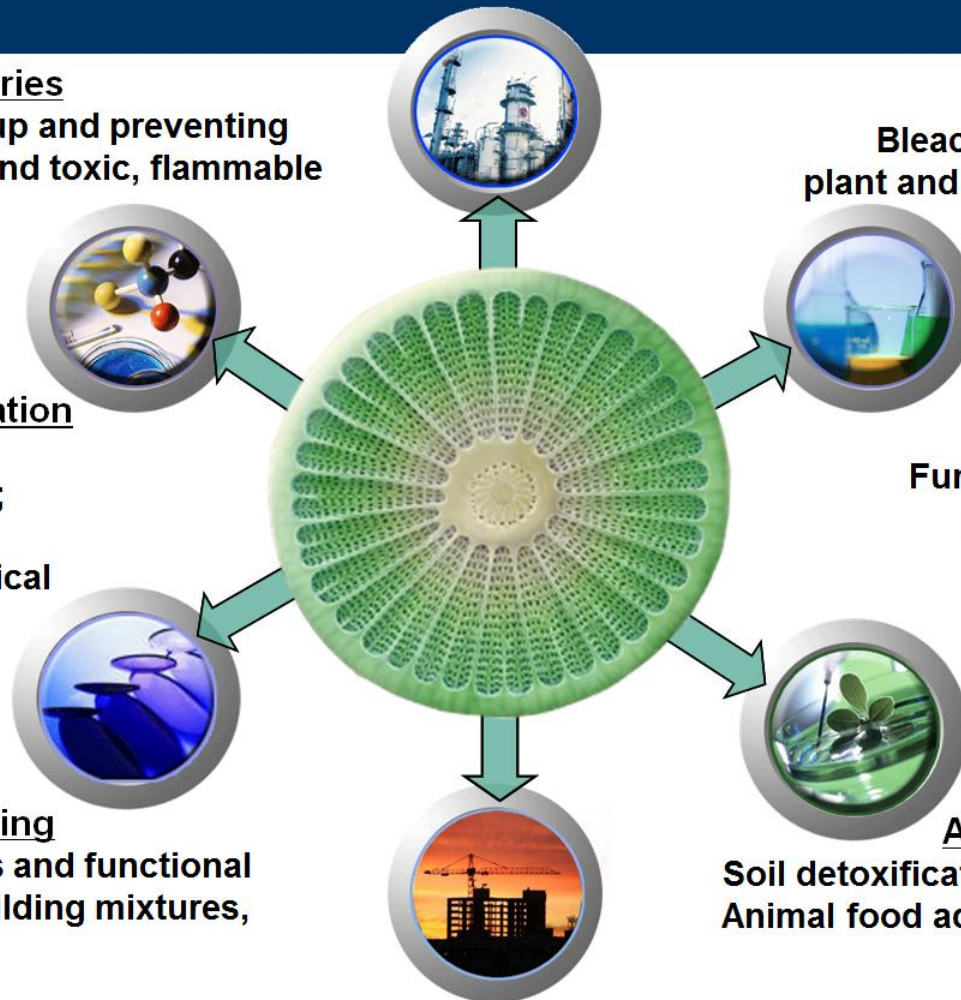
Bleaching and decolourization of plant and technical oils, greases, wax and other products

Chemical industry

Functional additives for paints, polymers, plastics, abrasive polishes and others

Agriculture and husbandry

Soil detoxification and recovery products, Animal food additives, fertilizers, hygienic animal bedding



Scientific and technical center

STC «Silica materials and technologies» is the biggest research center in Russia specializing in the analysis of diatomaceous earth and silica rocks

STC «Silica materials and technologies» is fully owned by DIAMIX GROUP. It is deeply involved in the scientific and technical development of new and existing DIAMIX GROUP products

STC works closely with the Government of the Russian Federation, in partnership with the Ministry of Education and Science



Personnel development

- Selection and training of professional personnel is a high priority for the DIAMIX GROUP
- DIAMIX GROUP works with the leading Institutes to select interns and apprentices who will become the company's future specialists
- DIAMIX GROUP is successfully developing the scientific study of diatomaceous earth and silica rocks at the Scientific and Technical Center "Silica materials and technologies"
- DIAMIX GROUP provides the latest training and personnel development for its employees. Each employee's contribution is assessed against Key Performance Indicators (KPI)



Advantages

Working with DIAMIX GROUP you will get:

- **Reliable supplier:** guaranteed source of raw materials, modern production and technology, certified quality management system (ISO 9001:2008)
- **Worldwide reputation for quality** from the manufacturer
- **Wide range of products**
- **Flexible pricing policy**
- **Prompt deliveries**
- **Warehouse service**
- **Scientific and technical support**
- **Free samples and pilot batches**

Contacts

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