



Descriptive list

of analytical studies on selected liquid chemical and related products, developed by analysts at the State Enterprise «Cherkasy Research Institute of Technical and Economic Information in the Chemical Industry» in 2023-2025

STD descriptor	Discrete content (description) of the STD	Development date, scope	Analyst (developer), communication
Ammonium thiosulphate	Ukraine. World Technologies. Ukraine's market in the world. Production. Foreign trade. Consumption. Forecast	March 2025 72 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Technical sulphur	Ukraine. World. Production (in detail). Foreign trade. Consumption. Prices. Forecast	March 2023 145 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Carbonate ammonium salts	Technologies. Ukraine's market in the world. Production. Foreign trade. Prices. 2022-2024. Production prospects	February 2025 66 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Liquid complex fertilizers. Small packaging	The Ukrainian and EU markets. Structure. Production (in detail). Foreign trade (companies). Prices. 2022-2025. Market outlook.	November 2024 141 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Complex mineral fertilizers	The Ukrainian and EU markets. Production. Manufacturers. Foreign trade. Species and formulation analysis. Prices. 2022-2025.	September 2025 180 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Plasticizing additives for concrete and building mortars	Ukrainian market. Production. Manufacturers (in detail). Foreign trade. Species, raw material, and brand analysis. Balances. Forecast.	March 2023 292 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
AHA acids. Alpha hydroxy acids	Ukrainian market. Production. Manufacturers (in detail). Foreign trade (companies). Species analysis. Forecast. Prospects.	May 2023 124 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Amino acids (lysine, methionine, tryptophan, threonine, glutamine, etc.)	Ukraine. World. Technologies. Production. Foreign trade. Market. Structure. Prices. 2024-2025. Forecast. Prospects.	June 2025 113 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Citric acid	Basic and innovative technologies. Ukrainian and global markets. Production. Manufacturers. Foreign trade. Areas of consumption. Balances. Forecast.	March 2023 124 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com

Fatty acids	Technologies. Ukrainian and global markets. Production. Manufacturers (in detail). Foreign trade. Areas of consumption. Balances. Forecast.	July 2023 121 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Oleic acid	Technologies. Ukrainian and global markets. Production. Manufacturers. Foreign trade. Areas of consumption. Balances. Forecast.	July 2023 121 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Stearic acid	Technologies. Ukrainian and global markets. Production. Manufacturers. Foreign trade. Areas of consumption. Balances. Forecast.	July 2023 121 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Sodium chloride	Technologies. Ukrainian and global markets. Deposits. Production. Manufacturers. Foreign trade. Types and areas of consumption. Balances. Investment projects. Forecast.	August 2023 377 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Graphene. Energy storage devices	Innovative technologies. Equipment. Areas of application. Global and regional markets. Manufacturers. Consumption. Forecast.	March 2024 125 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Gunpowder. Solid rocket fuel	Technologies. Ukraine. Types. Market. Production. Foreign trade. Consumption. Forecast.	March 2024 123 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Mineral fire retardants	The Ukrainian and global markets. Main types. Raw materials. Production. Manufacturers. Foreign trade. Areas of consumption. Forecast. Innovative developments	December 2024 127 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Nitrocellulose	Technologies. Ukrainian and global markets. Main types. Raw materials. Production. Manufacturers. Foreign trade. Areas of consumption. Forecast. 2022-2025	May 2025 108 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Platinum meshes. Nitric acid aggregates	Global market for platinum meshes for nitric acid. Major countries and manufacturing companies. Focus: China. Technologies. Foreign trade. Market prospects.	November 2025 104 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Aluminium	Ukraine. Prospects and opportunities for the resumption of aluminium production in Ukraine. Analysis of the global aluminium market (countries and manufacturing companies). Price conditions. Forecast.	December 2025 125 pages	Goncharova Nina Mobile: 093 588 71 43 niitehim.info@gmail.com
Phospho-gypsum	Ukraine. World. Technologies. Disposal. Recycling. Practical experience. Commercial products.	May 2024 79 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua

Ammonium sulphate from phosphogypsum	Conversion technologies. Technical industrial solutions. Practical experience. Commercialisation. Ukraine. The world. Areas of application. Prospects.	March 2025 40 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Bioethanol	Ukraine. EU. Technologies. Raw materials. Implementation. Practical experience. Commercial products. Technical and economic justification.	August 2023 85 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Bioammonia. Biomethanol	Ukraine. Renewable raw materials (biogas/biomethane). Industrial practice. Commercial projects. Modular production. Implementation potential.	June 2024 75 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Biowaste from grain fermentation. Biogas plants	Ukraine. Bio-waste from grain fermentation. Production. Manufacturers. Implementation. Commercial products. Industrial practice. Prospects.	September 2024 68 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Distillers dried grains with solubles (DDGS)	Technologies. Ukraine. Europe. Raw materials. Production. Market. Foreign trade. Consumption. Commodity products. Investment projects. Prospects.	August 2023 53 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
PHA – polyhydroxy acids	Innovative technologies. Licensors. Ukrainian market. Use. Composites. Prospects.	May 2025 48 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Lactic acid. Polylactide	Innovative technologies. Ukrainian and global markets. Raw materials. Production. Foreign trade. Areas of consumption (in detail). Liquid commodity products. Investment projects. Forecast. Technical and economic calculations.	May 2023 62 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Succinic acid	Ukrainian market. Synthetic and biological succinic acid. Production. Foreign trade. Areas of consumption. Prospects. Technologies. Commercial projects.	December 2023 70 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Bentonite	Ukraine. Deposits. Production. Technologies. Commercial products. Foreign trade. Prospects	October 2023 58 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Natural graphite	Ukraine. Deposits. Proven reserves. Production. Processing technologies. Commercial products. Foreign trade. Promising niches. Investment projects.	March 2024 65 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Ethyl tert-butyl ether (ETBE). Methyl tert-butyl ether (MTBE)	Innovative technologies. Ukrainian market. Raw materials. Production. Consumption. Foreign trade. Ecology. Investment projects. Prospects	October 2023 59 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua

Coagulants for water purification	Ukraine. Technologies. Raw materials. Production (in detail). Manufacturers. Product range. Foreign trade. Areas of consumption. Market for liquid coagulants. Prices. Forecast	November 2023 70 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Carbamide-formaldehyde dehydrated concentrate Carbamide-formaldehyde dehydrated resins. CFC. CFS.	Innovative technologies (licensing companies). Raw materials. Ukrainian market. Production. Manufacturers. Areas of consumption. Foreign trade. Balances. Production prospects and market forecast.	July 2024 65 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Phenol-formaldehyde resins (PFR) water-soluble	Innovative technologies (licensing companies). Raw materials. Ukrainian market. Production. Manufacturers (profiles). Areas of consumption. Foreign trade. Balances. Market forecast.	November 2024 65 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Biodiesel. Crude glycerine	Ukraine. Growth in domestic production of export-oriented biodiesel	December 2025 75 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Anti-caking agents for mineral fertilisers (use of renewable raw materials)	Innovative technologies. Raw materials (detailed analysis). Recipes. Global experience. Ukraine. Production potential. Consumption volumes. Prospects. Commercial projects.	November 2025 70 pages	Olga Deeva Mobile: 067 688 78 56 niitehim@nditekhim.com.ua
Essential oils	Ukraine. Raw materials. Production of essential oils (by type). Manufacturers (profiles). Foreign trade (in detail). Consumption balances (2019-2023). Domestic market. Forecast.	April 2023 116 pages	Kovenya Tamara Mobile: 0509945514 tvnikitina55@gmail.com office@nditekhim.com.ua
Urea and ammonium nitrate granules. Coating	Fertilisers with a coating for slow release of nutrients (SRF). Fertilisers for controlled release of nutrients (CRF). Research, technologies, industrial practice, formulations, effectiveness of use.	March 2025 88 pages	Kovenya Tamara Mobile: 0509945514 tvnikitina55@gmail.com office@nditekhim.com.ua
Feed urea	Global feed urea market, Feed urea with micronutrients. EU and Ukrainian markets. Production. Formulations. Areas of consumption. Prospects	June 2025 45 pages	Kovenya Tamara Mobile: 0509945514 tvnikitina55@gmail.com office@nditekhim.com.ua
Cyanuric acid based on carbamide	Technologies. Global and Ukrainian markets. Production. Foreign trade. Processing sectors. Commodity products. Consumption balances. Market forecast. Calculations.	June 2025 65 pages	Kovenya Tamara Mobile: 0509945514 tvnikitina55@gmail.com office@nditekhim.com.ua

Modified urea fertilisers	Innovative technologies. Industrial production experience. Improving and modifying additives. Production and market of non-traditional urea in Ukraine. Forecast until 2030.	March 2025 98 pages	Kovenya Tamara Mobile: 0509945514 tvnikitina55@gmail.com office@nditekhim.com.ua
Urea-ammonia mixture (UAN) with microelements and humates	Innovative formulations of special UAN with humates and microelements. Ukrainian market. Production. Manufacturers. Prospects.	October 2024 94 pages	Kovenya Tamara Mobile: 0509945514 tvnikitina55@gmail.com office@nditekhim.com.ua
Acrylic acid	Innovative technologies (engineering, licensors). The global market for acrylic acid and its copolymers. The Ukrainian market. Foreign trade. Areas of consumption. Forecast for the market for acrylic acid and its derivatives. Prospects.	June 2025 95 pages	Kovenya Tamara Mobile: 0509945514 tvnikitina55@gmail.com office@nditekhim.com.ua
Ethyl acrylate	Innovative technologies. The global and Ukrainian markets. Production. Foreign trade. Areas of consumption. Ethyl acrylate-based polyesters and other commercial products. Market forecast. Creation of an integrated production complex for acrylic acid-based products.	June 2025 51 pages	Kovenya Tamara Mobile: 0509945514 tvnikitina55@gmail.com office@nditekhim.com.ua
Magnesium oxide	Ukraine. Technologies. Raw materials. Production. Foreign trade. Market. Areas of consumption. Forecast until 2030.	October 2023 148 pages	Kovenya Tamara Mobile: 0509945514 tvnikitina55@gmail.com office@nditekhim.com.ua
Chemical industry. World. Forecast	Macroanalysis of key changes occurring in the global chemical industry in 2025 and assessment of their impact on the state of production and the chemical market in Ukraine in the short and long term.	November 2025 60 pages	Kovenya Tamara Mobile: 0509945514 tvnikitina55@gmail.com office@nditekhim.com.ua
Nitrogen fertilisers	The state of global production and the global market for nitrogen fertilisers. Trends. Changes. Forecast assessment of the impact on national nitrogen fertiliser production	November 2025 57 pages	Kovenya Tamara Mobile: 0509945514 tvnikitina55@gmail.com office@nditekhim.com.ua
Chemical industry of Ukraine. Liquid products	Analytical list of liquid chemical products, the production of which is commercially and technologically feasible in conditions of martial law and in the short and medium term post-war period in Ukraine (54 commercial products and product chains)	December 2025 109 pages	Kovenya Tamara Mobile: 0509945514 tvnikitina55@gmail.com office@nditekhim.com.ua
Modified starches (MS), dextrins, adhesives based on them	Ukraine. Technologies. Raw materials. Production. Manufacturers (profiles). Commodity products (specifications). Foreign trade. Market. Types and areas of consumption. Forecast until 2030	October 2023 78 pages	Svitlana Kosenko Mobile: 0980211509 niitehim@nditekhim.com.ua

Methanol - MTBE - purified isobutylene-isoprene-isobutylene-new rubber, methacrylic ester	Ukraine. Creation of a commodity-production chain “methanol - MTBE - purified isobutylene - isoprene - isobutylene-new rubber, methacrylic ester.” Technologies. Investments. Markets. Prospects.	December 2024 84 pages	Svitlana Kosenko Mobile: 0980211509 niitehim@nditekhim.com.ua
Polyols – sugar substitutes	Technologies (engineering, licensors). Ukraine. Market, production, foreign trade, areas of consumption (in detail). Investment project. Justification. Calculations.	June 2025 50 pages	Svitlana Kosenko Mobile: 0980211509 niitehim@nditekhim.com.ua
Ethyl lactate	Technologies (engineering, licensors). Ukraine. Market, production, foreign trade, areas of consumption. Investment project. Justification. Calculations.	June 2025 60 pages	Svitlana Kosenko Mobile: 0980211509 niitehim@nditekhim.com.ua
Furfural	Technologies (engineering, licensors). Ukraine. Market, production, foreign trade, areas of consumption. Investment project. Justification. Calculations.	June 2025 60 pages	Svitlana Kosenko Mobile: 0980211509 niitehim@nditekhim.com.ua
DDGS	Innovative dehydration technologies and ultrafiltration applications for DDGS residues. Projects. Prospects	August 2025 60 pages	Svitlana Kosenko Mobile: 0980211509 niitehim@nditekhim.com.ua
Soy-based polymer resins	Biodegradable polymer resins based on soybeans: technologies, commercial, consumer and price aspects. Prospects for establishing production in Ukraine. Mini-feasibility study.	December 2025 69 стор.	Svitlana Kosenko Mobile: 0980211509 niitehim@nditekhim.com.ua
Nitrogen fertilizers. Microorganisms	Innovative technologies for the application of microbial technologies for nitrogen fixation. Ukraine. Production and market of nitrogen-fixing biological products. Implementation in production practice. Prospects.	August 2025 75 pages	Natalia Pogorila Mobile: 0963378101 niitehim@nditekhim.com.ua
Liquefied carbon dioxide	Ukraine. Production (in detail). Foreign trade. Market. Consumption structure (in detail). Balances. Forecast until 2030.	February 2025 99 pages	Natalia Pogorila Mobile: 0963378101 niitehim@nditekhim.com.ua
Biochar from NiO PSV+MSV waste	Ukraine. Practical production experience. Technologies. Commercialisation. Raw materials. Market. Prospects.	March 2025 168 pages	Natalia Pogorila Mobile: 0963378101 niitehim@nditekhim.com.ua

Biopesticides	Ukraine. Production (in detail). Manufacturers. Types of biopesticides. Foreign trade. Market. Consumption structure. Innovative developments. Forecast until 2030.	May 2023 130 pages	Natalia Pogorila Mobile: 0963378101 niitehim@nditekhim.com.ua
Technical hemp	Ukraine. Innovative technologies. Production (in detail). Processing facilities. Manufacturers. Market (in detail). Consumption structure. Promising products. Forecast until 2030.	March 2024 163 pages	Natalia Pogorila Mobile: 0963378101 niitehim@nditekhim.com.ua
Technical oils	Ukraine. The state of cultivation and potential for development of technical vegetable oil production in Ukraine (rapeseed, mustard, flax, camelina, castor, milkweed). Market. Balances. Commercialisation. Forecast.	May 2024 145 pages	Natalia Pogorila Mobile: 0963378101 niitehim@nditekhim.com.ua
Polyurethanes. Synthetic adhesives.	Ukraine. World. Technologies. Production. Market. Areas of application. Commercial products. Market forecast.	August 2024 150 pages	Natalia Pogorila Mobile: 0963378101 niitehim@nditekhim.com.ua
Ammonia synthesis. Catalysts	Ukraine. Analysis of practical experience of ammonia manufacturers who have introduced new catalysts into ammonia synthesis processes, reducing the process pressure to 160-180 kgf/cm². Assessment of economic feasibility and energy efficiency.	December 2025 96 pages	Natalia Pogorila Mobile: 0963378101 niitehim@nditekhim.com.ua
Leasing	Ukraine. Innovative technologies. Production. Market. Foreign trade. Consumption. Balances. Forecast until 2030.	July 2023 66 pages	Sokolenko Lyudmila Mobile: 097 759 88 16 niitehim@nditekhim.com.ua
Bischofite	Ukraine. Market for magnesium chloride hydrate (bischofite) and de-icing materials based on magnesium chloride and calcium chloride. Technologies. Production. Commercialisation. Prospects.	September 2023 180 pages	Sokolenko Lyudmila Mobile: 097 759 88 16 niitehim@nditekhim.com.ua
Solar panels	Ukraine. Innovative technologies (in detail). Primary raw materials. Modifications to solar panels. Market. Prices. Prospects. Projects.	March 2024 71 pages	Sokolenko Lyudmila Mobile: 097 759 88 16 niitehim@nditekhim.com.ua
Environmentally friendly chemical additives	Ukraine. Magnesia cements/MC, concrete composites, modifying additives-fillers. Technologies. Production. Liquidity. Foreign trade. Consumption. Prospects for commercialisation.	December 2024 70 pages	Sokolenko Lyudmila Mobile: 097 759 88 16 niitehim@nditekhim.com.ua

Graphene. Energy storage devices	Technologies. Production. Market. Prospects for commercialisation.	April 2024 32 pages	Sokolenko Lyudmila Mobile: 097 759 88 16 niitehim@nditekhim.com.ua
Industrial energy storage systems	Ukraine. Technologies, types and international licensors. Technical and economic characteristics. Implementation. Commercialisation. Prospects.	July 2025 80 pages	Sokolenko Lyudmila Mobile: 097 759 88 16 niitehim@nditekhim.com.ua
Granulated ammonium nitrate	Analysis of the use of disc and drum granulators for the production of ammonium nitrate	November 2025 85 pages	Sokolenko Lyudmila Mobile: 097 759 88 16 niitehim@nditekhim.com.ua
Small nuclear reactors	Small (modular) nuclear reactors: technologies and prospects for implementation in Ukraine, creation of a full cycle of their operation adapted for commercial exploitation	December 2025 72 pages	Sokolenko Lyudmila Mobile: 097 759 88 16 niitehim@nditekhim.com.ua

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