



THE LEADING SUPPLIER OF FORMULATION SERVICES IN EUROPE

Synthos AGRO sp. z o.o. is part of Synthos Group - one of the leading producers of chemical raw materials in Europe. In 2014, the company started operations as a producer of crop protection products and as a supplier of modern formulation services.

In 2018, a modern Formulation Complex was launched. It is located in Oswiecim with its area of 12,000 m².

Formulation Complex consists of:

- research and development laboratory
- quality control laboratory
- formulation area
- packaging area
- raw material warehouse
- finished product warehouse



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FORMULAS
FOR A BETTER
WORLD

FROM ACTIVE INGREDIENT
TO MARKET-READY PRODUCT





Research and Development Laboratory

Research on our own products as well as on product formulas for external customers is conducted by research and development laboratory. Laboratory equipment enables to provide product quality control in accordance with the international standards.

Range of services:

- development of the recipe
- recipe feasibility
- development of technological process
- supervision of formulation process
- reformulation

Research on and analyses of raw materials, semi-finished and finished products at different stages of production are conducted by quality control laboratory. Qualified staff and high-quality laboratory equipment enables to conduct analyses in accordance with the applicable standards.

LIQUID FORMULATIONS	SL	EC	EW	SC	SE	OD	FS
SOLID FORMULATIONS	WP	WG	SG				

Formulation services PRODUCTION LINES

Production of many formulations. Separate production lines for herbicides and fungicides / insecticides.

Formulation	Product	Efficiency
SLI	Herbicides	up to 20 000 l/day
SL II	Herbicides based on glyphosate	up to 20 000 l/day
EC I	Herbicides	up to 12 000 l/day
EC II	Fungicides and Insecticides	up to 14 000 l/day
SCI	Herbicides	up to 8 000 l/day
SC II	Herbicides	up to 8 000 l/day
SC III	Fungicides and Insecticides	up to 8 000 l/day

Packaging services

Automated packaging lines including palletising stage. A wide portfolio of packaging in various forms and capacities.

Formulation	Package							
SL	0.5l	1l	5l	10l	20l	200l	1000l (IBC)	
EC	0.5l	1l	5l	10l		200l	1000l (IBC)	
SC	0.5l	1l	5l	10l	20l	200l	1000l (IBC)	

PORTFOLIO OF FORMULATED ACTIVE SUBSTANCES



Herbicides

- 150 g/l fluazifop-P-butyl, EC
- 125 g/l quizalofop-P-ethyl, EC
- 50 g/l quizalofop-P-ethyl, EC
- 100 g/l fenoxaprop-P-ethyl
- 27 g/l cloquintocet-mexyl (safener), EC
- 100 g/l fluroxypyr
- 80 g/l clopyralid
- 2.5 g/l florasulam, EC
- 422 g/l dicamba
- 18 g/l florasulam, EC
- 564 g/l 2,4-D* (2-ethylhexyl ester), EC
- 540 g/l 2,4-D* (2-ethylhexyl ester), EC
- 240 g/l clethodim, EC
- 120 g/l clethodim, EC
- 200 g/l fluroxypyr-meptyl*, EC
- 480 g/l bentazone, SL
- 250 g/l bentazone
- 125 g/l MCPA, SL
- 300 g/l clopyralid, SL
- 267 g/l clopyralid
- 67 g/l picloram, SL
- 720 g/l 2,4-D, SL
- 300 g/l MCPA, SL
- 500 g/l MCPA, SL
- 750 g/l MCPA, SL
- 660 g/l MCPA
- 90 g/l dicamba, SL
- 480 g/l dicamba, SL
- 360 g/l glyphosate*, SL (IPA salt)
- 480 g/l glyphosate*, SL (IPA salt)
- 540 g/l glyphosate*, SL (potassium salt)
- 260 g/l glyphosate
- 90 g/l MCPA, SL
- 240 g/l glyphosate
- 160 g/l 2,4-D, SL
- 600 g/l 2,4-D, SL
- 40 g/l imazamox, SL
- 33 g/l imazamox
- 15 g/l imazapyr, SL
- 375 g/l S-metolachlor
- 125 g/l terbutylazine
- 37,5 g/l mesotrione, SE
- 700 g/l metamitron, SC
- 100 g/l mesotrione, SC
- 100 g/l mesotrione
- 3 g/l florasulam, SC
- 500 g/l prometryn, SC
- 500 g/l terbutylazine, SC
- 500 g/l metazachlor, SC
- 500 g/l fluometuron, SC
- 500 g/l diflufenican, SC
- 600 g/l aclonifen, SC
- 500 g/l flufenacet, SC
- 40 g/l nicosulfuron, OD
- 69 g/l fenoxaprop-P-ethyl
- 34,5 g/l cloquintocet-mexyl (safener), EW

*expressed as acid



Fungicides

- 250 g/l azoxystrobin, SC
- 200 g/l azoxystrobin
- 80 g/l cyproconazole, SC
- 350 g/l dithianon, SC
- 480 g/l captan, SC
- 500 g/l folpet, SC
- 250 g/l paclobutrazol, SC
- 250 g/l difenoconazole
- 125 g/l paclobutrazol, SC
- 150 g/l trifloxystrobin
- 175 g/l prothioconazole, SC
- 500 g/l folpet
- 93 g/l azoxystrobin, SC
- 125 g/l fluopyram
- 125 g/l prothioconazole, SC
- 350 g/l copper oxychloride, SC
- 500 g/kg captan, WP
- 700 g/kg captan
- 25 g/kg difenoconazole, WG
- 800 g/kg captan, WG
- 250 g/l difenoconazole, EC
- 250 g/l prothioconazole, EC
- 125 g/l prothioconazole
- 125 g/l tebuconazole, EC
- 60 g/l metconazole, EC (SL)
- 90 g/l metconazole, EC (SL)
- 210 g/l mepiquat chloride
- 30 g/l metconazole, SL
- 200 g/l prothioconazole
- 60 g/l bixafen, EC
- 25 g/l difenoconazole
- 25 g/l fludioxonil, FS
- 25 g/l fludioxonil, FS
- 250 g/l prothioconazole
- 150 g/l tebuconazole, FS
- 250 g/l tebuconazole, EW



Insecticides

- 50 g/l fenpyroximate, SC
- 240 g/l bifentazate, SC
- 480 g/l bifentazate, SC
- 200 g/l acetamiprid, SL



Plant growth regulators

- 480 g/l ethephon, SL
- 300 g/l mepiquat chloride
- 155 g/l ethephon, SL



Warehouses

Supplied active substances and raw materials are stored separately according to material type, until their usage. The storage site and safety conditions on the premises of both warehouses meet all legal requirements concerning the storage of crop protection products.

Raw material warehouse

Number of pallet places
EURO type: 2500

Number of pallet places
CP1 type: 1875

Number of external tanks: 8

Finished product warehouse

Number of pallet places
EURO type: 5500

Number of pallet places
CP1 type: 4125

Heated and ventilated

