Agro-Chemie Kft.
Budapest

AGRO-CHEMIE
BUDAPEST

"Tradition and reliability"

YOUNG COMPANY WITH DECADES OF EXPERIENCE

Agro-Chemie Kft. was established in 2007, as the professional successor of the pesticide division of CHINOIN, which had more than one hundred years experience in the production of chemico-pharmacological and agrochemical products.
The company intends to continue the activities related to pesticides: the production, formulation and distribution of plant protection products and for this purpose, intends to use all the rights, registrations, trademarks, patents and know-how.
Agro-Chemie Kft. is involved in the production of active ingredients, intermediate products and ready-made products from in-house development for their further use in plant protection, health protection and also for sales around the world.

Our products serve sustainable development and our intention is to reach sustainability and biodiversity in the future too.
Our company's production culture is based on high level innovation technology, special techniques of production and manufacturing process, guaranteeing the best quality. Preparations and their chemical manufacturing technologies are protected by patents, thus the firm can sell active substances and finished products - which meet the highest requirements - on the international market.
We will do our best to continue existing partnerships and cooperation, and to establish new ones in the spirit of mutual benefits.
We are glad to fulfill your orders and we will do everything in order to meet your expectations; cooperative partners can count on us as well.

Contents

Flumite 200 SC

broad-spectrum special miticide, acaricide

ACTIVE INGREDIENT

200 g/l diflovidazin

APPLICATIONS IN CROPS

Apple, pear, grape, peach, nectarin, walnut, plum, strawberry, black and red currant, raspberry, blackberry, gooseberry, elderberry, cucumber, deciduous and evergreen ornamental trees and shrubs, rose, cotton, hybrid maize, soybean

Flumite 200 is an own developed original acaricide of Agro-Chemie Kft. After the successful domestic introduction Flumite 200 is being launched on the international market.

APPLICATION IN HOME GARDENS

Flumite 200 is a special miticide which may be safely and effectively used in home gardens. For 10 liters of spray mixture apply 1 ampoule (5 ml) of Flumite which means 0,5 liter concentrate to 1000 liters of water.

EFFICACY

Ovicidal miticide is a specific miticide, which acts primarily as an ovicide but has an effect on young motile stages.
Uses for control of phytophagous mites, including Tetranychidae and Eriophyidae in pome and stone fruits, grape, cotton and vegetables at 60-100 ai g/ha.
It is a favorite miticide for IPM (Integrated Pest Management) in fruits, grape and vegetables.

TOXICITY

Acut oral LD50 for rats 2,000 mg/kg
Acut percutaneous LD50 for rats > 2,000 mg/kg
Eye irritation index on rabbits 15, skin irritation index on rabbits 0, no skin sensitivity on guinea pigs.
LC50 > 5,000 mg/m^3

Non toxic for bees. Harmful for aquatic environment.

CROPS	PEST	RATE
APPLE, PEAR	Fruit-tree red spider mite (Pannonychus ulmi), Two spotted spider mite (Tetranychus urticae) Leaf-mite of pomes (Aculus schlechtendali)	0,4-0,5 l/ha spray to kill the winter eggs, spring treatment to inhibit the mites proliferating, and killing the summer eggs.
GRAPES	Leaf-mites of grapes, fruit-tree red spider mite (Pannonychus ulmi), grapes rust-mite (Calepitrimerus vitis), two spotted spider mite (Tetranychus urticae)	0,4-0,5 l/ha • early, „after sprouting" treatment against the mites, which overwinters in the sprout, • summer treatment to inhibit the proliferating of mite populations which content different kind of mites, • summer-end treatment against the overwintering red spider mites, and inhibit the formation and laying of winter eggs of spider mites
PEACH, NECTARINE, PLUM	Leaf-mites of stone-fruits (Aculus fockeui), two spotted spider mite (Tetranychus urticae), fruit-tree red spider mite (Panonychus ulmi)	0,4-0,5 l/ha If the weather is favorable, one treatment should be effective against the proliferating of mites
COTTON	Two spotted spider mite (Tetranychus urticae)	0,2- 0,3 l/ha Summer treatment of plant for 1-2 times
GOOSEBERRY, RED AND BLACK CURRANT, RASPBERRY	Two spotted spider mite (Tetranychus urticae)	0,4-0,5 l/ha
BLACKBERRY	Blackberry mite (Acalitus essigi)	0,5 l/ha
STRAWBERRY	Strawberry mite (Phytonemus pallidus)	0,5 l/ha
ELDERBERRY	Two spotted spider mite (Tetranychus urticae), leaf mites	0,4-0,5 l/ha
WALNUT	Walnut leaf gall mite (Aceria tristriata), walnut blister mite (Aceria erinea)	0,5 l/ha
ORNAMENTAL TREES AND SHRUBS	Spider mites, leaf mites, flat mites	0,5 l/ha
ROSE	Two spotted spider mite (Tetranychus urticae)	0,6 l/ha
HYBRID MAIZE	Two spotted spider mite (Tetranychus urticae)	0,3 l/ha
SOYBEAN (SEED PRODUCTION)	Two spotted spider mite (Tetranychus urticae)	0,25-0,3 l/ha

Fozat 480 SL

broad-spectrum non-selective total herbicide

ACTIVE INGREDIENT

480 g/l glyphosate ipa salt

APPLICATIONS IN CROPS

Field crops, stubble, grapes and fruits (older than 3 years), non agricultural areas (railroads, trench shores, canals not covered by water), home gardens and graveyards, public spaces (except for playgrounds), meadow, lawn, alfalfa, forestry, logging, desiccation

TOXICITY
Acut oral LD50 on rats
>2000 mg/kg

SAFETY
No fire and explosion hazard

EFFICACY
Against annual and perennial mono- and dicotyledons.
Fozát 480 is not a selective herbicide, thus avoid contact with culture plants.
The signs of effect appear on the weeds 1-2 weeks after application.

Proposed technology of plant protection
Field crops application recommended in soils with organic content not less than 3% before or after seeding but not later than the beginning of germination at a rate 2,0-6,0 l/ha in condition that the seeds will be covered with 3 cm thick layer of friable soil. Seedlings should not contact with the preparation.
After harvesting the fallow may be treated with 2,0-6,0 l/ha.
Winter wheat treatment before harvest for wiping out the weed exclusively with agricultural machinery against perennial weeds (Agropyron repens, Phragmites australis, Convolvulus arvensis etc.) at spray rate 4,0-6,0 l/ha at least 14 days before the winter wheat harvest.
For desiccation of crops should be performed at 20%-30% moisture content of sunflowers achene and 30-40 % of maize grains.

In case of weed free maize or sunflower fields recommended spray at rate 2,0 l/ha, and in case of fields with aggressive weeds 6,0 l/ha.
The preparation is recommended in plantations of fruit trees or grapes established at least more than 3 years, the application rate is 2,0-6,0 l/ha.
Applications to fruit trees and grapes ideally should be made until shoot growth in the spring, or in fall after harvest. Spray drift may cause damage to the green parts of plant. Apply shielded spray to protect green bark or stems.
Fozat may be used for pasture improvement before sowing at rate 4,0-6,0 l/ha. In forest plantations of spruce, larch, douglas fir apply when the plantation is more than 2 years old and pine needles are covered with protective wax. Proposed rate is 3,0-5,0 l/ha.
Apply when logging against clumps of shoots in concentration 3,5%.
For use in backyard farms, from this year Fozat 480 is available in 0,5 L ready-mixed spray dispensers.

CROPS	WEEDS	Dosage (l/ha)	Spray mix (l/ha)
FIELD CROPS	Annual and perennial mono- and dicotyledons	2,0-3,0 4,0-6,0	150-300
WINTER WHEAT	Perennial mono-and dicotyledons	4,0-6,0	150-250
BARLEY	Perennial mono-and dicotyledons	4,0-6,0	150-250
STUBBLE	Annual and perennial mono- and dicotyledons	2,0-3,0 4,0-6,0	150-300
LUCERNE	Cuscuta spp.	0,5-0,7 RATHER 0,2-0,3%	150-250
GRAPES AND FRUITS (OLDER THAN 3 YEARS)	Annual and perennial mono- and dicotyledons	2,0-3,0 4,0-6,0	150-200
MEADOW AND LAWN	Total weed control	4,0-6,0	250-300
NON AGRICULTURAL AREAS (RAILROADS, CANALS NOT COVERED WITH WATER, TRENCH SHORES)	Total weed and shrub control	5,0-7,0	250-300
HOME GARDENS AND GRAVEYARDS	Annual and perennial mono- and dicotyledons	2,0-3,0 4,0-6,0	250-300
PUBLIC SPACES (EXCEPT FOR PLAYGROUNDS)	Annual and perennial mono- and dicotyledons	2,0-3,0 4,0-6,0	250-300
FORESTRY (EVERY TREE SPECIES)	Total weed and shrub control	3,0-5,0	250-300
FORESTRY (MORE THAN 2 YEARS OLD SPRUCE, LARCH, DOUGLAS FIR)	Total weed and shrub control	3,0-5,0	250-300
LOGGING	Sprout control	3,5 % spray mix	300-400
CORN	Desiccation	2,0-5,0	150-250
SUNFLOWER	Desiccation	2,0-5,0	150-250
RAPE	Desiccation	3,0-4,0	150-250
SOYBEAN	Desiccation	3,0-5,0	150-250

Fundazol 50 WP

broad-spectrum systemic fungicide

ACTIVE INGREDIENT

50% benomyl (a.i. content: 500g/kg benomyl)

APPLICATIONS IN CROPS

Autumn and spring corn, sugar beet, Sunflower, lucerne, apple, pear, cotton, rice, peach, cherry-sour cherry, apricot, strawberry-raspberry, gooseberry, fruits, nursery, paprika, root crops, cucurbits, garnation, ornamental plants, herbs

EFFICACY

Fundazol 50 WP is a systemic fungicide with curative and protective action. It is effective against a wide range of Ascomycetes, Deuteromycetes and some Basidiomycetes in grapes, fruits, vegetables, mushrooms, ornamental plants, field crops, nurseries, herbs and stored products.

TOXICITY

Acut oral LD50 for rats
> 16,000 mg/kg
Acut dermal LD50 for rats
> 5,000 mg/kg

SAFETY

Practically non-toxic
Not dangerous for bees
Moderately dangerous for fish

CULTURE	DISEASES	RATE
AUTUMN AND SPRING CORN	Erysiphe /Blumeria/ graminis, Fusarium spp., Pseudocercosporella	0,6-0,8 kg/ha
SUGAR BEET	Cercospora beticola, Erysiphe /Blumeria/ graminis	0,5-0,6 kg/ha
SUNFLOWER	Head rot - Botrytis, Sclerotinia	1,0 kg/ha
LUCERNE	Pepper spot- Leptosphaerulina trifolii Pseudopeziza	0,4-1,0 kg/ha
APPLE	Treatment before the harvest for protecting against the storage-diseases	0,1 % spraying
APPLE, PEAR	Oidium farinosum, Monilia, Venturia inaequalis	0,8-1,6 kg/ha
COTTON	Verticillium wilt - to take into the soil of cotton field	50-75 kg/ha
	Verticillium and Fusarium – seed treatment	2 kg/t
	Verticillium and Fusarium – spraying	2-3 kg/ha
RICE	Blast – Piriculariose	2,0 kg/ha
PEACH	Mildew, Monilia, leaf-diseases	0,7-1,0 kg/ha
CHERRY, SOUR CHERRY	Monilia, leaf-diseases	0,7-1,0 kg/ha
APRICOT	Monilia, Gnomonia, Mildew,	0,7-1,0 kg/ha
STRAWBERRY, RASPBERRY	Grey mold - Bortrytis	0,8-1,6 kg/ha
GOOSEBERRY	Sphaerotheca mors uvae	0,8-1,6 kg/ha
FRUITS	Autumn foliar disinfection	0,1 % spraying
NURSERY	Mildew, foliar diseases	0,4-0,6 kg/ha
PAPRIKA	Mildew - Leveillula	0,4-0,6 kg/ha
ROOT CROPS	Mildew - Erysiphe, Septoria	0,4-0,6 kg/ha
CUCURBITS	Powdery mildew - Erysiphe	0,4-0,7 kg/ha
CARNATION	Fusarium spp.	0,1-0,2 % irrigation
ORNAMENTAL PLANTS	Mildew, Grey mold - Botritys	0,1-0,2 % spray
ORNAMENTAL PLANTS BULBS, AND TUBERS	Botrytis, Fusarium, Penicillium	0,2 % seed dressing
HERBS	Leaf-diseases	0,1 % or 1 kg/ha

Kolfugo Super SE

Broad-spectrum systemic Fungicide for seed treatment

ACTIVE INGREDIENT

Carbendazim

APPLICATIONS IN CROPS

Cereal, sugar beet, sunflower, apple, grape and cherry

EFFICACY

Carbendazim or methyl-2-benzimidazol carbamate is used as a fungicide. It is a systemic fungicide with protective and curative action and absorbed through the roots and green tissues, with translocation acropetally. Acts by inhibiting development of the germ tubes, the formation of aspersoria and the growth of mycelia. Broad disease spectrum activity against the most relevant diseases: mildew, Fusariosis (scab), foot disease, Cercospora, Botrytis, Sclerotinia.

TOXICITY

- Practically non-toxic.
- Non toxic for bees.
- Moderately dangerous for fish.

Fungicide with 200 gramm/kg a.i. highly refined carbendazim, with high adhesive capacity fungicide, formulated as suspo-emulsion.

CROPS	PATHOGENS	APPLICATION AND DOSAGE
CEREAL	Fusarium spp. Erysiphe spp. Pseudocercosporella spp.	1,5-2,0 l/ha Combine with preparations on the basis of a.i. mankozeb and Microthiol Special
SUGAR BEET	Cercospora beticola Erysiphe spp.	2,0 l/ha combining or rotating with contact fungicides
SUNFLOWER	Diaporthe helianthi Botrytis cinerea Sclerotinia sclerotiorum	6-8 leafed fenological phase, and in blooming phase 1-2 spraying at dosage 2 l/ha Combinations: with mankozeb fungicides
APPLE	Podosphaera leucotricha	3,0-4,0 l/ha
GRAPE	Uncinula necator	3,0-4,0 l/ha
CHERRY	Monilia spp., Blumeriella spp.	1,5 l/ha
SEED DRESSING		
CEREALS	Fusarium spp. Pseudocercosporella spp. Ustilaginales	1,5-2,0 l/t
SUNFLOWER	Botrytis spp. Sclerotinia spp. Alternaria spp.	2,0 l/t

Remark: * = Vondozeb Plus 1,5-2,0 kg/ton

Chinmix 5 EC
Chinmix Neo 10 EC

Broad-spectrum pyrethroid insecticides

ACTIVE INGREDIENT

CHINMIX 5 EC 50 G/L BETA-CYPERMETHRIN
CHINMIX NEO 10 EC 100 G/L ALPHA-CYPERMETHRIN

APPEARANCE

Light yellow, clear, sediment-free liquid

AVAILABLE FORMULATION:

EC – emulsifiable concentrate

APPLICATIONS

Chinmix 5 EC and Chinmix NEO 10 EC are **potent insecticides, effective by contact and ingestion** against a wide range of pests, controlling many insects' species, very effective against Coleoptera, Lepidoptera, gives good protection against Diptera, Hemiptera. Mainly used in alfalfa, cereals, cotton, grapes, maize, oilseed rape, apple, potatoes, soya bean, sugar beet, tobacco and vegetables.
Dosage: 0,1-0,5 liter/ha.

TOXICITY

Chinmix 5EC
Slightly toxic.
Acute oral LD50 for rats 1,565 mg/kg
Acute dermal LD50 for rats more than 5,000 mg/kg

SAFETY

The products are practically safe for humans, however, the precaution measures must be kept. They are flammable.

CROPS	INSECT PEST	DOSAGE (l/ha)		PHI*
		CHINMIX 5 EC	CHINMIX NEO 10 EC	
APPLE	Apple ermel, apple peel tortricide, leaf eating worms	0,25	-	7 days
CHERRY	Cherry-fruit fly	0,25	-	7 days
GRAPES	Grape-berry moths	0,35	0,1	3 days
WHEAT	Corn-whitening bug and grub -Oulema spp.	0,35	0,1	10 days
POTATO	Potato-beetle (Leptinotarsa decemlineata)	0,3	-	3 days
COTTON	Cotton Bollworm -Helicoverpa armigera	0,6	-	20 days
SUGAR-BEET	Owlet-moths, and worms	0,3	0,125	3 days
MAIZE	European corn borer (Ostrinia nubilalis)	0,35	0,15	10-14 days
PAPRIKA	Aphids	0,3	-	3 days
TOMATO	Aphids	0,3	-	3 days
VEGETABLES	Owlet-moths grubs, aphids, potato-beetle	0,3	0,1	14 days
MUSTARD, RAPE	Meligethes aeneus -pollen beetle	0,3	0,1	10 days
LOCUS INFECTED TERRITORY	Acrididae spp. spraying the concentrations of larvae – caterpillars.	0,3-0,5	0,15	20 days

*PHI - Pre Harvest Interval

Granfos 10 G

Organophosphate Insecticide against soil pests

ACTIVE INGREDIENT

100 g/kg chlorpyrifos

APPLICATIONS IN CROPS

Corn, sunflower, sugar beet, soybeans and legumes, winter/spring turnip, wheat/barley, potatoes, tomatoes and other vegetable crops, fruit and berry saplings

EFFICACY

- Organophosphate insecticide against soil pests (the larvae of winter tattered scoops, chestnuts, larvae of crisps, wireworms, false wicks, larvae of corn beetle and others).
- Effectively protects the roots of the plants due to longlasting fungicide effect.
- As a result of less negative influence from the pests, even with their considerable number, improves the field germination of the crop.
- Does not cause resistance
- Repellent effect
- As soon as it gets into the soil, stops the pests movement, functioning and after – death, as the result of blocking nervous system. The pest dies long before reaching the crop.
- When the drug gets to the pest's organism while breathing, it blocks the stomach of the pest, as the result – causes death.
- Insecticide effect: shows neural paralyzing effect, making it difficult for the pest to move and complicating other life processes. The drug is can not be identified as systemic and does not accumulate in the plants.
- Nematocidal effect: Granfos is rather affective when struggling with soil nematodes. Soil nematodes' growth,

reproduction and functioning are being suppressed and neural paralyzing effects blocks their movement.
- The form, structure and size of granula are built in such a way for active ingredient to spread in the soil step by step. As the result, Granfos has a longlasting effect. Thanks to significant resistance to soil hydrolysis and the action of external factors, the Chlorpirifos characterizes with high resistance to decay.
- The drug's formula allows to keep the protecting effect up to 60-120 days depending from the rate of use, temperature, moisture, granulometric composition and soil pH.
- When protecting the corn from soil pests, special attention should be paid during the initial phases of plant growth.

The most harmful phytophagous on the initial phases of plant growth are: Euxoa nigricans L., Agrotis segetum Schiff., Diabrotica virgifera virgifera L., Elateridae, Melolontha melolontha.

TOXICITY
Acut Oral - rat 82 mg/kg

SAFETY
Use personal protective equipment.

CROP	THE RATE OF USE, kg/ha
CORN	3-5*
SUNFLOWER	3-5*
SUGAR BEET	3-5*
SOYBEANS AND LEGUMES	3-5*
WINTER/SPRING TURNIP	3-5*
WHEAT/BARLEY	3-5*
POTATOES	3-5*
TOMATOES AND OTHER VEGETABLE CROPS	3-5*, 5-10**
FRUIT AND BERRY SAPLINGS	5*-10**

* when special applicator during planting or seeding
** when using the drug during presowing cultivation

Chinufur 40 FW®

Systemic Insecticide and Nematicide

For Soil Disinfectant, For insect control on certain field, fruit and vegetable crops

ACTIVE INGREDIENT

436 g/l carbofuran

APPLICATIONS IN CROPS

Sugar beet, rape, mustard, maize, sunflower, potato, tobacco, flax

Carbofuran is an insecticide of great biological activity, effective by contact to the nerve system and ingestion, belonging to the carbamat insecticides.
Systemic effect of preparation on the pests appears in stopping the nerve impulses and in cutting off the nerve system of insects i.e. paralyses.
The active ingredient rapidly enters the plant seedlings and protect them from pests.

TWO FORMULATION-TYPES EXIST

• **FW** (water soluble concentrate): White colour suspension, mainly for soil disinfection and spraying of the stock
• **FS** (water solution concentrate for purpose of seed treatment): Purple colour suspension mainly for seed treatment.

The agent of the two formulations is the same; the difference between them stands in the additives: in the FS formulation-type product with adhesivity-increasing and colouring agent.
Resistance to the active ingredient was not observed.

CROPS	PESTS	DOSAGE	METHOD OF APPLICATION
SUGAR BEET	Complex soil-and ground pests: Sugar Beet Fleas - Sugar-beet weevils, Sugar-beet Thrips, Sugar Beet aphid, wireworms	**12-23 mt**	**Seed dressing in the seed dressing shops before sowing, but maximum 6 months before the sowing**
RAPE	Cruciferous Fleas	**9,6-13 l/t**	Seed dressing in the seed dressing shops
WHEAT	soil pests, corn ground beetle (Zabrus tenebrioides)	4-6 l/ha	spraying
POTATO	soil pests, Colorado beetle (Leptinotarsa decemlineata), plant-louses	4-6 l/ha	stock spraying
TOBACCO	soil pests, worms of owlet-moths	4-6 l/ha	stock spraying
FIBRE FLAX	soil pests, Aphtona euphorbiae	12 l/t	seed dressing
OIL FLAX	soil pests, Aphtona euphorbiae	5 l/t	seed dressing

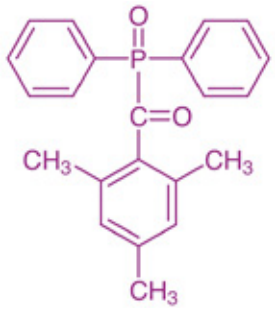
TPO

(CAS 75980-60-8)

PHOTOINITIATOR

2,4,6-trimethylbenzoyldiphenyl phosphine oxide

CAS NO.: 75980-60-8
EINECS No.: 278-355-8
Molecular Formula: $C_{22}H_{21}O_2P$
Molecular mass: 348.382 g/mol
Key Properties: Low odor, low yellowing



As an efficient photoinitiator, the photolysis products of 2,4,6-trimethylbenzoyldiphenyl phosphine oxide (TPO) are three methyl benzoyl free radical and two phenyl phosphonyl free radical, which are both free radicals with high initiating activity. The absorption wavelength of the photodissociation product moves to the short wave, and has the effect of photobleaching, which is beneficial to the ultraviolet light transmission, and can be used for the curing of thick coating.
Usually 1-5% is used ration for polimerization. The thermal stability of TPO is excellent. It is heated to 180°C without chemical reaction and has good storage stability. Although 2,4,6-trimethylbenzoyldiphenyl phosphine oxide (TPO) has its own light yellow, it becomes colorless after photolysis and does not change yellowing.

PRODUCT SPECIFICATION OF PHOTOINITIATOR TPO

PHYSICAL PROPERTIES	STANDARD
Assay	>98.0%
Melting Point	91-94°C
Absorption Peak	273 nm, 370 nm

PHOTOINITIATOR TPO APPLICATION

Industry Uses: Adhesives and sealant chemicals; paint additives and coating additives; processing aids; light-transmissive fiber coating; wood coating
Consumer Uses: Paints and coatings in mainly white systems, printer inks, silk printer inks, lithographic printer ink; dental fillings

STORAGE AND TRANSPORTATION

In view of the absorption of TPO in the visible light region, so people should pay attention to avoid light in the process of production, storage and transportation of 2,4,6-trimethylbenzoyldiphenyl phosphine oxide (TPO).

Silver Rain

The aim of the solution:
To reduce the damage caused by hailstones, by burning the solution.

TRADE NAME

Silver Rain – colorless viscous liquid with characteristic odor

CAS

67-64-1, 7783-96-2, 7681-82-5

ACTIVE INGREDIENT

Acetone based silver iodide solution 1%.
It is possible to change the solution ratio up to 5 % based on the costumer's request. It is a colorless viscous liquid with characteristic odor

THE SUSPENSION

The components: Acetone + Silver iodide + Sodium iodide.
The solution is highly flammable. Evaporates very quickly, its vapors are heavier than air. Provide explosive atmosphere with air, so it should be kept away from ignition sources. Electrostatic charge must be prevented.
It needs to be stored in cool place. The container to be kept tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Maximum storage temperature: 30°C.

BASIC PRINCIPLES OF GROUND GENERATOR HAIL SUPPRESSION

In nature, large hailstones develop which could reach the ground in a very short time and could cause high damages in (apple, grape …) any kind of agricultural plants. The system was established in 1991 to reduce these possible losses caused by ice. The principle is - during hail suppression.
Artificial intervention in hail development results in more and smaller hailstones.
The smaller hailstones fall with a lower velocity and thus spend more time in the positive temperature domain. Melting further decreases their size, and the damage caused by hailstones will be diminished.

VORTEX TYPE GROUND GENERATORS (BURNER)

The three main parts of the instrument are: air container (1), solution container (2), burner chimney (3).
Silver iodide–acetone solution of concentration 8 g/l. Burns at a temperature of about 800-900 degrees Celsius, as a product formulating crystals of 0.06–0.08µm size which rise up to the clouds, transforms bigger hailstones into smaller.
One gram of AgI produces approx. 1014–1015 active crystal particles.
The amount of solution burnt hourly: is 0.8–1.0 litres.

TRANSPORT INFORMATION

UN No.: ADR/RID/IMDG/IATA: 1993
Within Europe we can deliver the goods via vehicular, railway transport on palettes or loaded into containers based on the agreement with the prospect customer.

PACKAGING GROUP: II.

The solution could be loaded into 5-20 liters cans or IBC container, or it could be negotiated.

AdBlue®

AdBlue® Urea is a 32.5% aqueous solution of high purity urea that complies with ISO 22241. Diesel engines – Nox reduction agent AUS 32.

CAS

57-13-6

MANUFACTURER

Petrokemija Plc. Fertilizer Company

INTENDED USE AND APPLICATION

For use with EURO-rated IV, V and VI diesel engines equipped with SCR catalysts to comply with nitrogen oxide (NOx) emission standards. Might be used for medium and large trucks and buses, tractors, construction and agricultural machinery and diesel cars equipped with SCR technology.

AdBlue® is not a diesel fuel additive!

It should be filled in separate container for AdBlue® additive only!

HANDLING AND STORAGE

Protect from direct sunlight. Store in a closed and covered place. Recommended storage temperature varies from -5°C to 25°C. Avoid prolonged transport or storage at temperatures above or below the recommended temperature.

TOXICITY

Exposure of aquatic organisms is limited by the action of microorganisms and incorporation of urea into the nitrogen cycle.

QUALITY CLASS

I. class. It maintains its quality in sealed, original packaging based on ISO for at least 12 months after production

PACKAGING

We offer AdBlue® in a range of container sizes, from 5-10 liter cans for passenger vehicles, up to 20,000-liter dispensing units for medium to large fleets. Based on needs, we have different packaging solution.

Our Services

Agro-Chemie is ready to cooperate with your company on the basis of tolling or warehousing according to our capacities indicated below:

PRODUCTION CAPACITIES

- Wettable powder formulation
- Suspensable concentrate
- Emulsifiable concentrate

FILLING CAPACITIES

- Cans filling line basically we are able to fill almost all sizes of cans as it can be seen from the below samples from our present production.
- 1000 liter IBC containers
- 20 liter cans
- 5 liter cans
- 1 liter flacons
- 0,3 liter flacons
- 0,5 liter sprays

Ampoules filling (plastic ampoules):

- 5 ml plastic ampoule filling

WAREHOUSING ACTIVITY

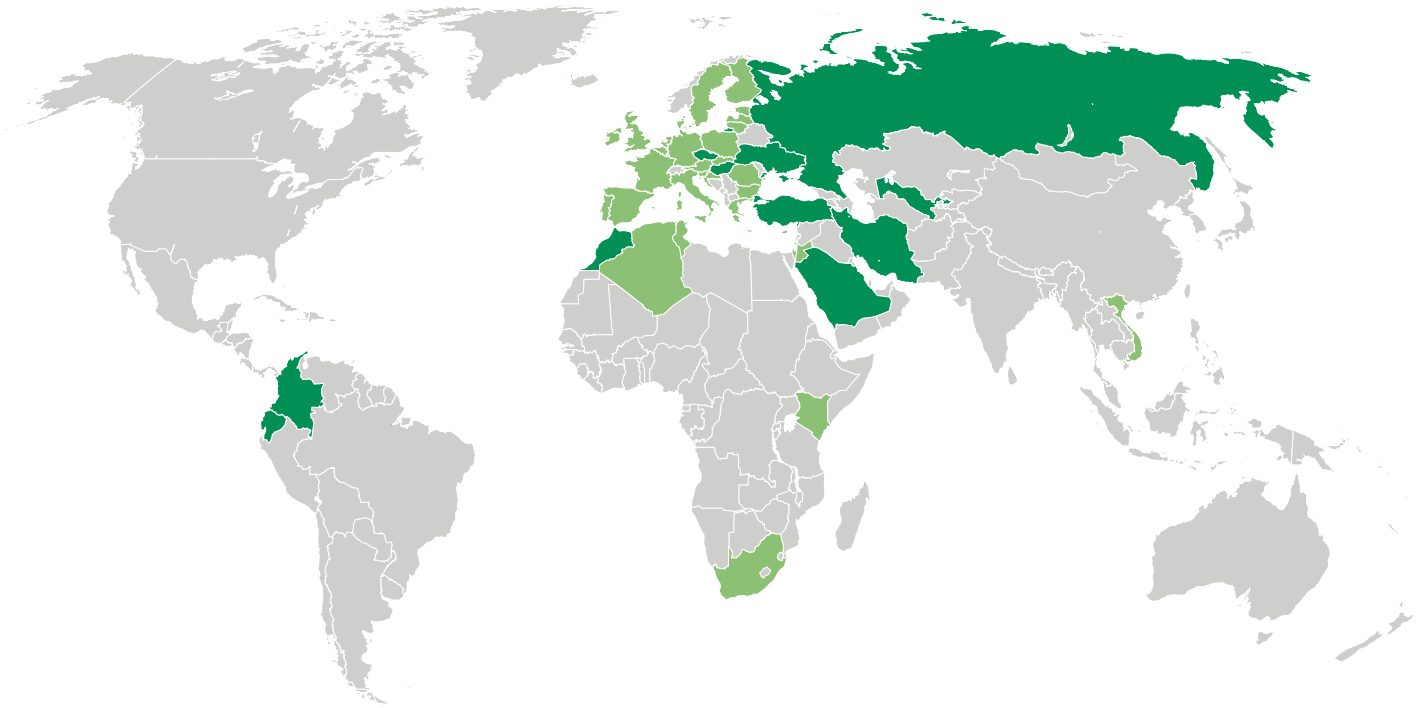
From 2019 we can provide an increased warehouse capacity with our new warehouses, which meets all the requirements necessary for warehousing activity.

TOLLING ACTIVITY

Based on negotiations with our partners we are making tolling activity, which means that based on our or the recepies of our partners our company formulates active agents of different products and packages different products as well.

Geography of Agro-Chemie Kft.

Market activity



VALID REGISTRATIONS

Hungary
Czech Republic
Russia
Ukraine
Uzbekistan
Columbia
Ecuador
Turkey
Iran
Saudi Arabia
Morocco

ONGOING REGISTRATIONS

European Union
Russia
Algeria
Tunisia
Jordan
Republic of South Africa
Vietnam
Ukraine
Israel
Kenya
Uzbekistan

Responsibility
for environment

The company is committed to the protection of the environment and facilitating the management of waste. Following significant investments we support the initiatives and requirements of the EU Conform states related to soil, water and air.

Continuous improvement
in quality control

In case of new products Agro-Chemie Kft. continuously develops the quality control test methods, which covers the raw material testing, process controls and product certification both.

Specific technologies

Our specialists beside the research of original molecules and substances deals with:

- the improvement of new products
- formulation development
- specific chemical reactions
- new procedures, chemical methods and new manufacturing technologies.

The activity of research center encompasses the full innovational process: from the idea to the determination of large-scale production.

Outstanding innovative activity

Agro-Chemie Kft. continues with the internationally recognized innovative activity in the field of insecticides and acaricides. For example the worldwide patented own products of the company are beta- and theta-cypermethrin, and the Flumite which contains diflovidazin (SZI-121) active substance.

Laboratory facilities:
- classical analytics
- liquid chromatography (HPLC)
- UV spectrophotometry
- Particle Size Meter

Contacts

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Hungary – 1225 Budapest, Bányalég Street 47-59.
GPS: 47.390432, 18.963432

HOW TO GET THERE BY CAR
The area of Agro-Chemie Ltd. can be reached from Budapest M0 ring-road in direction towards Érd on the M6 motorway

HOW TO GET THERE BY BUS
Terminal of bus number 33.

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WEBSITE | www.agrochemie.hu

AGRO-CHEMIE
BUDAPEST

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