



PoMaxa™

Reg. No. /Nr. L9461 Act / Wet No. / Nr. 36 of / van 1947

READ THE LABEL BEFORE USE AND READ ATTACHED PACKAGED LEAFLET BEFORE USE AND KEEP OUT OF REACH OF CHILDREN AND ANIMALS	LEES DIE ETIKET VOOR GEBRUIK EN LEES AANGEHEGDE VOUBILJET VOOR GEBRUIK EN HOU BUIITE BEREIK VAN KINDERS EN DIERE
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PLANT GROWTH REGULATOR	PLANTGROEIREGULEERDER
A liquid concentrate plant growth regulator for use on apples for fruit thinning.	'n Vloeibare konsentraat plantgroeireguleerder vir gebruik op appels vir vruguitdunning.

Hazard Statements:
Harmful to aquatic life.

Gevaarverklarings:
Skadelik vir waterlewendes organismes.

Precautionary Statements:
If medical advice is needed, have product container or label at hand.
Read carefully and follow all instructions.
Dispose of contents or container to an approved waste disposal facility and in accordance with national regulations.

Voorsorgverklarings:
Indien mediese adviëse benodig word, hou die produkhouer of-etiket byderhand.
Lees sorgvuldig en volg alle instruksies
Raak ontslae van inhoud/houer deur gebruik te maak van 'n goedgekeurde afvalverwyderingsfasiliteit, in ooreenstemming met nasionale regulasies.

Active Ingredient / Aktiewe Bestanddeel

1-Naphthylacetic acid	35 g/L	1-Naftielasynsuur
Net volume	1 L	Netto volume

REGISTRATION HOLDER / REGISTRASIEHOUER
VALENT BIOSCIENCES, a division of PHILAGRO SOUTH AFRICA PTY LTD/
'n divisie van PHILAGRO SUID AFRIKA EDMS BPK.
REG NO 1998/010658/07 REG NR
P O BOX 442 POSBUS
SOMERSET WEST / WES 7129
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POMAXA™ is the registered trademark / is die geregistreerde handelsmerk van
VALENT BIOSCIENCES CORPORATION, Libertyville, Illinois USA

Batch No.	<input type="text"/>	Lot Nr.
Date of Manufacture		Datum van Vervaardiging

UN No. / VN No. 3082

Emergency Numbers / Noodnommers:
Griffon Poison Information Centre:+27(0) 82 446 8946
Poisons Information Centre:+27(0) 86 155 5777

WARNINGS:

GHS Hazard Statements:

Harmful to aquatic life.

Store in a cool dry place and out of reach of children, uninformed persons and animals.

Harmful if swallowed.

May cause eye irritation. In case of contact with eyes, flush with plenty of water and get medical attention.

May cause drying effect of skin. In case of skin contact, wash immediately with soap and plenty of water and remove contaminated clothes.

May cause damage to other crops.

Although **PoMaxa™** is regarded as crop-safe on most important cultivars, this does not mean that a more sensitive cultivar might not be commercialized in the future. Where a new cultivar is encountered, large areas should not be sprayed without prior testing of **PoMaxa™** on that cultivar.

THIS REMEDY HAS BEEN EXTENSIVELY TESTED UNDER A LARGE VARIETY OF CONDITIONS. THE REGISTRATION HOLDER DOES NOT WARRANT THAT IT WILL BE EFFICACIOUS UNDER ALL CONDITIONS BECAUSE THE ACTION AND EFFECT THEREOF MAY BE AFFECTED BY FACTORS SUCH AS ABNORMAL CLIMATIC, SOIL AND STORAGE CONDITIONS, QUALITY OF DILUTION WATER, COMPATIBILITY WITH OTHER SUBSTANCES NOT INDICATED ON THE LABEL AS WELL AS BY THE METHOD, TIME AND ACCURACY OF THE APPLICATION. THE REGISTRATION HOLDER FURTHERMORE DOES NOT ACCEPT RESPONSIBILITY FOR DAMAGE TO CROPS AND VEGETATION, THE ENVIRONMENT OR HARM TO MAN OR ANIMAL OR FOR LACK OF PERFORMANCE OF THE REMEDY CONCERNED DUE TO FAILURE OF THE USER TO FOLLOW THE LABEL INSTRUCTIONS OR TO THE OCCURRENCE OF CONDITIONS WHICH COULD NOT HAVE BEEN FORESEEN IN TERMS OF THE REGISTRATION. CONSULT THE SUPPLIER IN THE EVENT OF ANY UNCERTAINTY.

PRECAUTIONS:

GHS Precautions

General

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read carefully and follow all instructions.

Disposal

Dispose of contents or container to an approved waste disposal facility and in accordance with national regulations.

Avoid intake or inhaling of liquid or spray mist.

Avoid contact with skin, eyes and clothing.

Store in a cool, dry place.

Wash contaminated clothing daily.

Wash with soap and water after skin contact. In case of eye contact, wash with running water.

Do not contaminate rivers, dams and water sources.

Avoid spray drift onto other crops.

Prevent contamination of food, feeds, drinking water and eating utensils.

Rinse empty container three times with a volume of water equal to a minimum of 10 % of that of the container.

Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.

Do not re-use empty container but destroy by flattening and perforation.

RELEVANT SUBSTANCES:

Hazardous Component	CAS Number	Weight %	GHS Classification
1-Naphthaleneacetic acid, sodium salt	61-31-4	3.5%	Aquatic Acute 2 – H401
1,2-propanediol	57-55-6	10%	Aquatic Acute 2 – H401
polyoxyethylene (20) oleyl ether	9004-98-2	1%	Aquatic Acute 2 – H401
Other Ingredients	Trade Secret	85.5%	Not classified

NOTE: The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **PoMaxa™** and is therefore, in terms of the South African Regulation for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed.

FIRST AID:

General Advice	In all cases of doubt, seek medical attention.
Eye Contact	Remove from source of exposure. Flush with copious amounts of water. Remove contact lenses, if present and easy to do, after the first 5 minutes, then continue rinsing. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic /supportive care as necessary.
Skin Contact	Remove from source of exposure. Take off contaminated clothing. Flush with copious amounts of water. If irritation occurs or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.
Inhalation	Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary. If person is not breathing, call 911, then give artificial respiration.
Ingestion	Remove from source of exposure. Move person to fresh air. Do NOT induce vomiting. If signs of toxicity occur, seek medical attention. Provide symptomatic /supportive care as necessary.

Medical Advice

No specific antidote. Treat symptomatically and supportive.

DIRECTIONS FOR USE

USE ONLY AS DIRECTED.

TIME OF APPLICATION

1. Apply when wind conditions will not cause excessive spray drift.
2. **PoMaxa™** should be applied during warm, dry weather, preferably during mid-morning when moisture or dew has had time to evaporate.
3. Delay applying of **PoMaxa™** after rain until flower parts and leaves are free of surface droplets. Application should be made only when a 6-hour rain free period is expected. If rain falls within 6 hours of application reduced response should be anticipated. Do not re-spray in the event of rain falling within 6 hours of application.
4. Fruit thinning results will be best, when the daytime temperature will be between 20 and 27 °C for the following three days after application. Cold weather (<15 °C) is unfavourable for fruit thinning and temperatures above 27 °C may result in over thinning or “flagging” of leaves. Do not apply if temperatures are expected to exceed 30 °C.

MIXING INSTRUCTIONS

SHAKE WELL BEFORE USE, REPLACE CAP AFTER POURING.

Fill a clean spray tank half-filled with water and engage the agitator. Add the required amount of **PoMaxa™**. Continue to agitate while bringing the total volume of water to the required level to ensure thorough mixing before application.

If **PoMaxa™** is to be tank mixed with MaxCel®, first mix the MaxCel® thoroughly before adding the **PoMaxa™**.

No surfactant is required.

Product performs best at water pH between 5 and 7; do not exceed pH of 8.5.

Use the **PoMaxa™** spray solution within 24 hours of mixing.

SPRAY VOLUME PER HECTAR

Apply **PoMaxa™** as a HV (high volume) spray in sufficient amount of water to ensure thorough coverage without excessive run-off. High volume spray = 80% of TRV at full leaf coverage. Use calibrated spray equipment to ensure uniform coverage of leaves and fruit. Refer also to Notes / Thinning of apples.

CONSULT THE TECHNICAL ADVISOR OF YOUR **PoMaxa™** DISTRIBUTOR. APPLY THE **PoMaxa™** SPRAY MIX AS A UNIFORM FINE MIST SPRAY, DIRECTING 85 % OF THE SPRAY TO THE UPPER 2/3 OF THE TREE.

RECOMMENDATIONS

CROP	GROWTH REGULATING ACTIVITY	DOSE/100 L WATER	REMARKS
APPLES <u>EASY-TO-THIN CULTIVARS</u> , e.g., Granny Smith, standard red cultivars and young, vigorous Royal Gala types	Chemical thinning of fruit	16 ml	Apply once as a full cover spray in the period between petal fall and a maximum 5 mm fruit diameter. Use on “Granny Smith” only under expert guidance and only if conditions do not favour fruit thinning, otherwise over thinning might result. On all of these types, PoMaxa™ must not be combined with, or sprayed in a program with other thinning remedies.
<u>DIFFICULT-TO-THIN CULTIVARS</u> , e.g., Red spur types, Braeburn, Cripps’ Red, Cripps’ Pink, full-bearing Royal Gala types, Golden Delicious & Fuji types	Chemical thinning of fruit	16 ml	Apply once as a full cover spray in the period between petal fall and a maximum 5 mm fruit diameter. Follow this with an application of MaxCel® (Reg. No. L7876) at 8-12 mm fruit diameter. Refer also to Notes / Thinning of apples.
		16 ml PoMaxa™ + 500 – 750 ml MaxCel®	As an alternative to the above program, apply a tank-mixture of PoMaxa™ and MaxCel® once as a full cover spray in the period between petal fall and 12 mm fruit diameter. Refer also to Notes/Thinning of apples.

NOTES / THINNING OF APPLES

1. Do not apply **PoMaxa™** as a tank mix in combination with pesticides, with the exception of DiPel® DF, other growth regulators with the exception of MaxCel®, or plant nutrients.
2. **TANK MIXING WITH MAXCEL®**: The addition of MaxCel® at the recommended rates may increase the amount of thinning. Water volume is according to the recommendation for MaxCel®: 40% of TRV. The dosage for both MaxCel® and **PoMaxa™** is according to the recommended concentration per 100 L of water. Do not increase the concentration of **PoMaxa™**. Apply MaxCel® at 750 ml/100 l water between petal drop and 5 mm fruit size on very hard-to-thin varieties e.g. Fuji and Cripps Red. Apply MaxCel® at 500 -750 ml/100 l water at 8-12 mm fruit size on hard-to-thin varieties e.g. Golden Delicious and Royal Gala.
3. Use properly calibrated spray equipment that ensures uniform and complete coverage of all foliage and blossoms.
4. **PoMaxa™** applications at too high rates or too late timings (> 12 mm fruitlet diameter) may cause fruit abnormalities, like “pigmy” fruit on susceptible varieties.
5. Apple tree reaction to chemical fruit thinners is dependent on many interacting variables such as the degree of flowering and fruit set, timing of applications, environmental conditions, cultivar, rootstock, tree age, tree shape, nutrition, size of previous crop, the use of other thinning agents and the chemical rest breaking programme used. Local knowledge is essential if the desired result is to be attained. Seek expert advice before using **PoMaxa™** and MaxCel® for the first time to thin apples.

PoMaxa™, MaxCel® and DiPel® is the registered trademarks of Valent BioSciences™ Corporation, Libertyville, USA.

WAARSKUWINGS:

GHS Gevaarverklarings:

Skadelik vir waterlewendes organismes.

Stoor in 'n koel, droë plek buite die bereik van kinders, oningeligte persone en diere.

Nadelig wanneer ingeneem word.

Mag oog-irritasie tot gevolg hê. Indien middel met oë in aanraking kom, was oë met genoegsame hoeveelhede water en verkry mediese advies.

Mag uitdroging van vel tot gevolg hê. In geval van kontak met vel, was met seep, water en verwyder besoedelde klere.

Mag ander gewasse beskadig.

Alhoewel **PoMaxa™** as gewasveilig geag word op die meeste belangrike kultivars, beteken dit nie dat 'n meer sensitiewe kultivar nie in die toekoms gekommersialiseer kan word nie. Waar 'n nuwe kultivar teëgekomp word, moet groot areas nie behandel word voordat **PoMaxa™** op daardie kultivar getoets het nie.

ALHOEWEL HIERDIE MIDDEL OMVATTEND ONDER 'N GROOT VERSKEIDENHEID TOESTANDE GETOETS IS WAARBORG DIE REGISTRASIEHOUER NIE DAT DIT ONDER ALLE TOESTANDE DOELTREFFEND SAL WEES NIE, AANGESIEN DIE WERKING EN EFFEK DAARVAN BEINVLOED KAN WORD DEUR FAKTORE SOOS ABNORMALE KLIMAATS-EN BERGINGSTOESTANDE; KWALITEIT VAN VERDUNNINGSWATER, VERENIGBAARHEID MET ANDER STOWWE WAT NIE OP DIE ETIKET AANGEDUI IS NIE, SOWEL AS DIE METODE, TYD EN AKKURAAKHEID VAN TOEDIENING. VERDER AANVAAR DIE REGISTRASIEHOUER NIE DIE VERANTWOORDELIKHEID VIR SKADE AAN GEWASSE, PLANTEGROEI, DIE OMGEWING OF VIR NADELIGE EFFEK OP MENS OF DIER OF VIR 'N GEBREK AAN PRESTASIE VAN DIE BETROKKE MIDDEL AS GEVOLG VAN DIE VERSUIM VAN DIE VERBRUIKER OM ETIKETAANWYSINGS NA TE KOM OF AS GEVOLG VAN DIE ONTSTAAN VAN TOESTANDE WAT NIE KRAGTENS DIE REGISTRASIE VOORSIEN KON WORD NIE. RAADPLEEG DIE VERSKAFFER IN DIE GEVAL VAN ENIGE ONSEKERHEID.

VOORSORGMAATREËLS:

GHS Voorsorgverklarings:

Algemeen

Indien mediese advise benodig word, hou die produkhouer of-etiket byderhand.

Hou buite bereik van kinders.

Lees sorgvuldig en volg alle instruksies.

Ontslaeraak (wegdoen)

Raak ontslae van inhoud/houer deur gebruik te maak van 'n goedgekeurde afvalverwyderingsfasiliteit, in ooreenstemming met nasionale regulasies.

Vermy inname of inaseming van vloeistof of spuitmis.

Vermy kontak met vel, oë en klere.

Berg in 'n koel, droë plek.

Was besoedelde klere daagliks.

Was met seep en water na velkontak. In geval van oogkontak was met lopende water.

Verhoed besoedeling van riviere, damme en waterbronne.

Verhoed die wegdryf van sproeinewel na ander gewasse.

Vermy besoedeling van kos, voer, drinkwater en eetgerei.

Spoel leë houer drie keer uit met 'n volume water gelykstaande aan 'n minimum van 10 % van die houer.

Gooi die spoelwater by die inhoud van die spuitenk voordat die houer op die voorgeskrywe wyse vernietig word.

Vernietig leë houer deur gate daarin te maak en dit plat te druk en moet dit vir geen ander doel gebruik nie.

RELEVANTE BESTANDELE:

Gevaarlike komponent	CAS Nommer	Massa %	GHS Klassifikasie
1-Naftielasynsuur, natrium sout	61-31-4	3.5%	Wateromgewing, akute gevaar 2 – H401
1,2-propaandiol	57-55-6	10%	Wateromgewing, akute gevaar 2 – H401
polyoxyethylene (20) oleyl ether	9004-98-2	1%	Wateromgewing, akute gevaar 2 – H401
Ander bestanddele	Handelsgeheim	85.5%	Nie geklassifiseer nie

LET WEL: Die ander bestanddele wat nie hierbo ingesluit is nie, veroorsaak of dra nie by tot die korrekte GHS-klassifikasie van **PoMaxa™** nie en is dus in terme van die Suid-Afrikaanse Regulasie vir Gevaarlike Chemiese Middels - 2021; Regulasie 14(b), nie gelys nie.

NOODHULP:

Algemene advies	In alle gevalle van twyfel, verkry mediese hulp.
Oogkontak	Verwyder van bron van blootstelling. Spoel oë met groot hoeveelhede water. Verwyder kontaklense, indien teenwoordig en maklik om te doen, na die eerste 5 minute, en gaan dan voort met spoel. Indien irritasie voortduur of tekens van toksisiteit voorkom, verkry mediese hulp. Voorsien simptomaties / ondersteunende sorg soos nodig.
Vel kontak	Verwyder van bron van blootstelling. Verwyder besoedelde klere. Spoel vel met groot hoeveelhede water. Indien irritasie of tekens van toksisiteit voorkom, verkry mediese hulp. Voorsien simptomaties / ondersteunende sorg soos nodig.
Inaseming	Verwyder van bron van blootstelling. Indien tekens van toksisiteit voorkom, verkry mediese hulp. Voorsien simptomaties / ondersteunende sorg soos nodig. Indien die persoon nie asemhaal nie, skakel die nooddienste en gee dan kunsmatige asemhaling.
Inname	Verwyder van bron van blootstelling. Beweeg persoon na vars lug. MOENIE braking veroorsaak nie. Indien tekens van toksisiteit voorkom, verkry mediese hulp. Voorsien simptomaties / ondersteunende sorg soos nodig.

Mediese advies

Geen spesifieke teenmiddel nie. Behandel simptomaties en ondersteunend.

GEBRUIKSAANWYSINGS

GEBRUIK SLEGS SOOS AANGEDUI.

TYD VAN TOEDIENING

1. Dien toe wanneer windtoestande nie oormatige spuitnewel tot gevolg sal hê nie.
2. **PoMaxa™** moet in warm, droë weer aangewend word, verkieslik teen laat oggend nadat vogtigheid of dou 'n kans gekry het om te verdamp.
3. Vertraag die toediening van **PoMaxa™** na reën totdat daar nie meer waterdruppels aanwesig is op blomdele en blare nie. Toediening moet slegs geskied wanneer reën nie binne 6 uur na toediening verwag word nie. Indien dit sou reën binne 6 uur na toediening, moet 'n swakker resultaat verwag word. Moenie oorspuit indien reën binne 6 uur van toediening val nie.
4. Vruguitdunning sal die beste wees, wanneer dagtemperatuur tussen 20 en 27 °C vir die volgende 3 dae na toediening gaan wees. Koue weer (<15 °C) is ongunstig vir vruguitdunning en temperatuur bo 27 °C kan lei tot ooruitdunning of die abnormale hang van blare ("flagging"). Moenie toedien indien temperatuur bokant 30 °C verwag word nie.

VERMENGING

SKUD GOED VOOR GEBRUIK, PLAAS DEKSEL TERUG NA GEBRUIK.

Vul skoon spuittenk half met water en skakel die roerstelsel aan. Voeg die verlangde hoeveelheid **PoMaxa™** by. Hou aan roer terwyl die spuittenk tot by die verlangde watervolume opgevol word, sodoende word deeglike vermenging voor toediening verseker.

Indien **PoMaxa™** met MaxCel® gemeng moet word, meng eers die MaxCel® deeglik in die spuittenk voordat die **PoMaxa™** bygevoeg word.

Geen benattingsmiddel word benodig nie.

Die produk is die mees effektiefste by 'n water pH tussen 5 en 7, moenie 'n pH van 8.5 oorskry nie.

Gebruik die **PoMaxa™** spuitmengsel binne 24 uur na vermenging.

SPUITVOLUME PER HEKTAAR

Dien **PoMaxa™** toe as 'n HV (hoë volume) bespuiting in genoegsame hoeveelheid water om goeie bedekking te verseker sonder oormatige afloop. HV bespuiting = 80% van BRV as 'n voldek bespuiting. Gebruik gekalibreerde spuittoerusting om uniforme bedekking op die blare en vrugte te verseker. Verwys na Notas / Uitdunning van appels.

RAADPLEEG DIE TEGNIESE ADVISEUR VAN U **PoMaxa™** VERSPREIDER. DIEN DIE **PoMaxa™** SPUITMENGSEL TOE AS 'N FYN SPUITMIS EN RIG 85 % VAN DIE SPUITMENGSEL OP DIE BOONSTE 2/3 VAN DIE BOOM.

AANBEVELINGS

GEWAS	GROEI-REGULERENDE AKSIE	DOSIS/100 L WATER	OPMERKINGS
APPELS <u>MAKLIK UITDUN KULTIVARS,</u> bv., Granny Smith, Standaard rooi kultivars en jong geilgroeiende Royal Gala-rasse.	Chemiese vruguitdunning	16 ml	Dien eenkeer toe as 'n voldekbespuiting in die periode tussen blomblaarval en maksimum 5 mm vrugdeursnit. Gebruik op "Granny Smith" slegs onder deskundige leiding en slegs wanneer toestande ongunstig is vir vruguitdunning, anders kan ooruitdunning plaasvind. Moenie ander uitdunmiddels saam met-, of ná PoMaxa™ op hierdie kultivars toedien nie.
<u>MOEILIK UITDUN KULTIVARS,</u> bv., Volrooi spoortipes, Braeburn, Cripps Red, Cripps Pink, voldraende Royal Gala-rasse, Golden Delicious en Fuji-rasse	Chemiese vruguitdunning	16 ml	Dien eenkeer toe as 'n voldekbespuiting in die periode tussen blomblaarval en maksimum 5 mm vrugdeursnit. Volg op met 'n toediening van MaxCel® (Reg. Nr. L7876) wanneer die vrugdeursnit 8-12 mm is. Verwys ook na Notas / Uitdunning van appels.
		16 ml PoMaxa™ + 500 – 750 ml MaxCel®	As 'n alternatief tot die program hierbo kan 'n tenkmengsel van PoMaxa™ en MaxCel® eenkeer toegedien word as 'n voldekbespuiting in die periode tussen blomblaarval en maksimum 12 mm vrugdeursnit. Verwys ook na Notas/ Uitdunning van appels.

NOTAS / UITDUNNING VAN APPELS

1. Moenie **PoMaxa™** meng met plaagbeheermiddels behalwe DiPel® DF, ander groeireguleerders behalwe MaxCel®, of blaarvoedingsmiddels nie.
2. **TENKMENGSEL MET MAXCEL®**: Die byvoeging van MaxCel® teen die aanbevole dosis mag die mate van uitdunning verhoog. Watervolume is volgens die aanbevelings vir MaxCel®: 40% van BRV. Die dosis vir beide MaxCel® en **PoMaxa™** is volgens die aanbevolle konsentrasie per 100 L water. Moenie die konsentrasie van **PoMaxa™** verhoog nie. Dien MaxCel® teen 750 ml/100 l water toe, tussen bomblaarval en 5 mm vruggrootte op baie moeilik-om-te-dun kultivars bv. Fuji en Cripps Red. Dien MaxCel® toe teen 500 -750 ml/100 l water by 8-12 mm vruggrootte op moeilik-om-te-dun kultivars bv. Golden Delicious en Royal Gala.
3. Maak gebruik van korrek gekalibreerde spuittoerusting wat 'n uniforme en volledige bedekking van alle bloeisels en plantegroei sal verseker.
4. **PoMaxa™** teen te hoë dosisse en te laat toediennings (> 12 mm vrugdeursnee) mag vrugabnormaliteite, soos "pigmie" vrugte veroorsaak op sensitiewe variëteite.
5. Die reaksie van appelbome op chemiese vruguitdunningsmiddels is afhanklik van baie faktore wat op mekaar 'n wisselwerking uitoefen bv. die mate van blom en vrugset, tyd van toediening, omgewingsomstandighede, kultivar, onderstam, boomouderdom, boomfatsoen, voeding, grootte van vorige oes, die gebruik van ander vruguitdunningsmiddels asook die chemiese rusbrekingsprogram wat gebruik is. Plaaslike kennis van bogenoemde faktore is noodsaaklik indien die verlangde resultate verkry wil word. Verkry deskundige advies voordat **PoMaxa™** en MaxCel® vir die eerste keer vir appeluitdunning gebruik word.

PoMaxa™, MaxCel® en DiPel® is die geregistreerde handelsmerke van Valent BioSciences™ Corporation, Libertyville, USA.