

Agricultural Markets

Solutions that bring a field of possibilities.



Our L.V. Lomas technical sales team has both the experience and industry knowledge to help you successfully meet any agricultural formulation challenge. Our comprehensive product range covers an extensive array of applications and offers solutions to meet your needs in the Canadian market.

Below you will find a list of solutions that L.V. Lomas supplies to the agricultural industry. All products are of the highest quality and sourced from the world's leading manufacturers.

Chemical Name	Application	Trade Name	Function
Flux Calcined Diatomaceous Earth Filter Aid	BioMass Filtration	Kenite 700	Tallow Filter Aid
Perlite, expanded	BioMass Filtration	Harborlite 635	Filtration of tallow & other natural oils
Filtration	BioMass Filtration	HyFlo Super Cel	Vegetable oil process filtration
Glycerine 96%	Fertilizer	Glycerine 96%	Intermediate in pesticide/fertilizer applications
Monoethanolamine Pure 99%	Fertilizer	Monoethanolamine Pure 99%	MEA is used in fertilizer to increase yield and water use efficiency
Chembetaine CAS Surfactant	Fertilizer	Chembetaine CAS	Non ionic surfactant
Liquid Sweetener	Fertilizer	Isoclear 55 HFCS BULK	Stimulate microorganisms. Some mix the sweetener with liquid fertilizers.
Propylene Glycol Industrial Grade	Fertilizer	Propylene Glycol Industrial Grade-veg based	Antifreeze properties
Propylene Glycol Industrial Grade	Fertilizer	Propylene Glycol Industrial Grade-veg based	Create slow nutrient release conditions in your thickening agent mix
Sorbitan Solution 70%	Fertilizer	Sorbitan Solution 70%	Wetting agent
Talc	Fertilizer	Talc	Anticaking agent for both prilled ammonium nitrate and granular fertilizers
Xanthan gum	Fertilizer	Kelzan Advanced Performance	Develop suspensions and improve storage stability for liquids at high temperatures
Antifoam-Silicon emulsion	Fertilizer (liquid)	KFO 305	Antifoam
Calcium Carbonate-(Limestone)	Fertilizer (liquid)	OMYACarb F	Limestone
Monopropylene Glycol	Fertilizer (liquid)	Monopropylene Glycol	Antifreeze
Sodium Glucoheptonate 50% Aqueous	Fertilizer (tank cleaner)	Seglene ES-50	Fertilizer tank cleaner-sequesters hard water Ca,Mg,Fe
Pectin	Insect Attractant	Genu Pectin	Insect attractant
Dextrose	Insect Attractant	Dextrose granular	Insect attractant, soil treatment to promote bacterial activity, Intermediate for the fermentation of insecticides and pesticides used as foliar spray
Carrageenan	Miscellaneous	Genugel WR-78	Fruit Fly Trap
Bag and Cartridge Filters	Miscellaneous	Cartridge Filters	Bag and Cartridge filters in a variety of size configurations to enhance filtration and separation
FD&C Blue	Miscellaneous	FD&C Blue 1 Powder	Colorant
Gum Rosin	Miscellaneous	Brazilian WW Gum Rosin	Preserving wooden beehives by creating a moisture barrier
Kaolin clay in liquid spray	Miscellaneous	Kamin 80,90	Increase yields by reducing fruit/plant sunburn. Fruit sunscreen and insecticide. Reflects sunrays for uniform coloring and maturing of apples plus acts as an insecticide for unknown reason...perhaps smothers insects.
Metal & Plastic Pails	Miscellaneous	Metal & Plastic Pails	Metal and plastic UN and non-UN compliant pails and lids in a variety of size configurations
Naphthenic Oil	Miscellaneous	Hyprene 60, 100	Dedusting compound
Pine Oil	Miscellaneous	Pine Oil 85	Bio-pesticide
Sunscreen Natural Health Product (NHP)-Octinoxate	Miscellaneous	Eusolex 2292 UV Filters	Sunscreen
Trehalose Dihydrate	Miscellaneous	Treha Trehalose IDENTITY PRESERVED FOOD GRADE	Multi Functional sugar-used in organic fertilizer
Bromo-nitrotrimethyleneglycol	Biocide	Myacide	Bactericide, preservative
Linseed oil, polymerized	Miscellaneous	LIN-VO S 70 Linseed Not Edible	Polymerized vegetable oil-coated paper mulches
Soybean oil, polymerized ,oxidized	Pesticide Intermediate (inert material)	SYB-RBD Blown Industrial Not Edible LV84	Soybean oil is an excellent alternative to mineral oil as adjuvant, carrier ordiluent. Also, it can be used in the formulation of herbicides, fungicides and insecticides.
Castor oil	Pesticide Intermediate (inert material)	Crystal P Castor Oil	Fast drying oil used in pesticides
Ethylene Glycol Distearate	Pesticide Intermediate (inert material)	Ethylene Glycol Distearate	Used as a component in nonionic surfactant which are used as wetting agents, detergents, or emulsifiers.
Ethylene Glycol Monostearate	Pesticide Intermediate (inert material)	Ethylene Glycol Monostearate	Antifreeze, deactivator for pesticides used before crop emerges from soil and in herbicides before or after crop emerges
Fatty acid c16-18 & C18 unsaturated ,ME Esters	Pesticide Intermediate (inert material)	Fatty Acid Methyl Esters (Fame)	Emulsifiers and wetting agents; pesticide carriers and adjuvants
Fatty Acids,Tall-Oil	Pesticide Intermediate (inert material)	Sylfat FA-1, Sylfat FA-2	Emulsifier
Lecithin SS-BS	Pesticide Intermediate (inert material)	Lecithin SS-SB	Lecithin is a surface-active agent with unique properties. It can modify the boundary layers between many types of substances. In the presence of two immiscible liquid phases, Lecithin reduces the surface tension and acts as an emulsifier. When used between a solid and liquid phases (instantizing) Lecithin acts as a wetting and dispersing agent. When used between solid phases Lecithin acts as a lubricant or release agent.

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N,N Dimethyldodecylamine oxide	Pesticide Intermediate (inert material)	Chemoxide LO-PF	Lauramine oxide is an amine oxide surfactant. It is one of the most frequently-used surfactants of this type. It is used as detergent, emulsifier, wetting agent
Polyoxyethylene sorbitan monostearate	Pesticide Intermediate (inert material)	T-MAZ 80K	The sorbitan fatty acid esters and polysorbates are inert ingredients used as corrosion inhibitors in a variety of pesticide products
Sorbitan fatty acid Esters	Pesticide Intermediate (inert material)	S-Maz 85 SP	The sorbitan fatty acid esters and polysorbates are inert ingredients used as corrosion inhibitors in a variety of pesticide products
Lauryl Alcohol	Pesticide Intermediate (inert material)	Kalcol 2098	Used to make surfactants
Steryl Alcohol	Pesticide Intermediate (inert material)	Kalcol 8098 (Stearyl Alcohol)	Helps to form emulsions and prevent an emulsion from separating into its oil and liquid
Cetyl Alcohol	Pesticide Intermediate (inert material)	Kalcol 6098	Helps to form emulsions and prevent an emulsion from separating into its oil and liquid
Acrylic Acid Polymer	Pesticide Intermediate (inert material)	Pemulen	Emulsifier
Acrylic Acid Polymer	Pesticide Intermediate (inert material)	Carbopol	Rheology modifier and emulsion stabilizer
Calcium Oxide	Pesticide Intermediate (inert material)	Calcium Oxide HP-XL	Calcium hydroxide decreases acidity levels in soil and serves as an effective insecticide
Calcium Silicate	Pesticide Intermediate (inert material)	Micro-Cel E	Many pesticide formulations are adversely affected by moisture, humidity, the presence of viscous liquids, and static charge. The caking, clumping, and loss of free flow that result can render a formulation inefficient, difficult to handle and virtually impossible to disperse. Calcium silicate can be used in pesticide formulations to eliminate these adverse effects. Used as a flow aid and/or carrier in various Ag formulations.
Carob Gum	Pesticide Intermediate (inert material)	Polygum	Thicken, suspend and stabilize water-based systems. Flowable pesticides; herbicide, fungicide, and insecticide suspension concentrates
Castor oil, ethoxylated	Pesticide Intermediate (inert material)	Surfactol 318	Used in Pesticide industries as leveling agents, emulsifiers, and lubricating agent
Cellulose	Pesticide Intermediate (inert material)	Arbocel (various grades)	Cellulose is used as suspending and dispersing aids for wettable pesticide and fertilizer powders. They provide high wet tack and adhesion to waxy plant surfaces. Chemically inert and nonionic
Cellulose,2-Hydroxypropyl Methyl Ester (HPMC)	Pesticide Intermediate (inert material)	Arbocel CE (various grades)	Emulsifier, thickening agent, stabilizer
Dehydrated castor oil	Pesticide Intermediate (inert material)	Castung 103G-H	Fast drying oil used in pesticides
Dodecylbenzenesulfonic Acid	Pesticide Intermediate (inert material)	Linear Alkylbenzene Sulphonic Acid	Pesticide emulsifier
Foam Blast	Pesticide Intermediate (inert material)	Foam Blast 319	Can be used as a tank side defoamer where it can be diluted with water or used neat to provide rapid knockdown
Foam Blast	Pesticide Intermediate (inert material)	Foam Blast 381	Can be used as a tank side defoamer where it can be diluted with water or used neat to provide rapid knockdown
Glyceryl Monostearate	Pesticide Intermediate (inert material)	Glyceryl Monostearate, SE	Emulsifier
Hydroxypropyl Guar Gum	Pesticide Intermediate (inert material)	Polgal	Hydroxypropyl guar gum is used as an inert ingredient as a thickener in pesticide formulations applied to growing crops
Isopropyl Myristate	Pesticide Intermediate (inert material)	Palmester IPP 1514	Used as a solvent in pesticide formulations
Isopropyl Palmitate	Pesticide Intermediate (inert material)	Palmester IPP 1517	Used as a solvent in pesticide formulations
Non ionic surfactant	Pesticide Intermediate (inert material)	Surfactol 365	Non ionic surfactant
Polyoxyethylene sorbitan monostearate	Pesticide Intermediate (inert material)	T-MAZ 60K	The sorbitan fatty acid esters and polysorbates are inert ingredients used as corrosion inhibitors in a variety of pesticide products
Polyoxyethylene sorbitan trioleate	Pesticide Intermediate (inert material)	T-MAZ 85K	The sorbitan fatty acid esters and polysorbates are inert ingredients used as corrosion inhibitors in a variety of pesticide products
Potassium Sorbate	Pesticide Intermediate (inert material)	Potassium Sorbate USP (Premium)	Potassium sorbate acts as a mould inhibitor
White Mineral Oil	Pesticide Intermediate (inert material)	White Mineral Oil #90 USP/NF/ Kosher	Used as a carrier for insecticides and used alone for fungal treatment
(Attapulgate) Hydrous Magnesium/ aluminum silicate rheological modifier	Pesticide Intermediates (inert material)	Min U Gel 400 & 500	Improve body or thickness of your liquid material
Citric Acid Fine Grade	Pesticide Intermediates (inert material)	Citric Acid Fine Grade	Intermediate used in herbicide
Natural Diatomaceous Earth	Insecticide	Diafil 610	Fine powder used to control insects by abrading exoskeletons and absorbing surface oils, causing them to dehydrate
Diethanolamine Pure 99%	Pesticide Intermediates (inert material)	Diethanolamine Pure 99%	Intermediate used in herbicides as a carrier
Engineered Silica	Pesticide Intermediates (inert material)	Zeodent 124	Carrier
Epoxidized Soybean Oil	Pesticide Intermediates (inert material)	Epoxidized Soybean oil	Oil base carrier for liquid systems
Kaolin Clay	Pesticide Intermediates (inert material)	Kaolin Clay	Pesticide carrier

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Natural Diatomaceous Earth	Insecticide	Celite 209	Fine powder used to control insects by abrading exoskeletons and absorbing surface oils, causing them to dehydrate
Polyamide Resin	Pesticide Intermediates (inert material)	Sylvaclear AF1900	Polymeric gellants. Form actives into weak or hard gels, clear gel sticks, emulsions or lotions for baits, traps and animal collars
Polyamide Resin	Pesticide Intermediates (inert material)	Sylvaclear WF1500	Polymeric gellants. Form actives into weak or hard gels, clear gel sticks, emulsions or lotions for baits, traps and animal collars
Polyethylene Glycol	Pesticide Intermediates (inert material)	Mapeg 400DL	Emulsifier for liquid based systems
Propylene Glycol Industrial Grade	Pesticide Intermediates (inert material)	Propylene Glycol Industrial Grade-veg based	Intermediate used in herbicides as a carrier and freeze control
Salt	Pesticide Intermediates	Top-Flo Evaporated Salt	
Synthetic amorphous silicon dioxide, fumed silica, cellulose	Pesticide Intermediates (inert material)	Synthetic amorphous silicon dioxide, fumed silica, cellulose	Eliminate caking, clumping, and maintain free flowing characteristics in high humidity or where moisture is a concern.
Triethanolamine Pure 99%	Pesticide Intermediates (inert material)	Triethanolamine Pure 99%	Intermediate used in herbicides as a carrier
Xanthan gum	Pesticide Intermediates (inert material)	Kelzan Advanced Performance	Provides suspension, storage ability, prevent product settling/ packing in flowable pesticides
Epoxidized Soybean Oil	Seed Coating	Epoxidized Soybean oil	Delays moisture penetration
Fumed Silica	Seed Coating	Cab-O-Sil TS 530, Cab-O-Sil TS-610, Cab-O-Sil TS 720	Extend seed shelf life, prevent premature germination and damage from excess soil moisture. Potato seed treatment. Potato drying agent while in storage.
Gum Arabic	Seed Coating	Instantgum BB	Water soluble polymer layer or glue that helps bind additional layers of seed protection such as fertilizer, insecticide, fungicides, herbicides, and dyes.
Gum Arabic	Seed Coating	Fibregum Bio L	Water soluble polymer layer or glue that helps bind additional layers of seed protection such as fertilizer, insecticide, fungicides, herbicides, and dyes.
Propylene Glycol Industrial Grade	Seed Coating	Propylene Glycol Industrial Grade-veg based	Plasticizer in polyvinyl alcohols in seed coating
Raw Cellulose	Seed Coating	Lignocel C-120, Lignocel C-120GE	Seed pilling will help grains develop a similar round shape and improve flow properties. This will allow sowing equipment to dispense individual seeds efficiently. The pilled seeds are also more stable.
Talc	Seed Coating	Vertal 92, E-Z Flow VT, E-Z Flow MT	Reduce moisture absorption in a variety of seed types, enabling longer storage periods.
Talc	Seed Coating	Vertal 92, E-Z Flow VT, E-Z Flow MT	Used to seal cut potatoes to provide protection from moisture
Iron Oxide (Fe 203)	Seed Coating	Trans Oxide Red	Colorant
Acid Red 92	Seed Coating	Acid Red 92	Colorant
Chrome Oxide (CR203)	Seed Coating	Ultra Green B.C. Olive Green	Colorant
Yellow 5 Lake	Seed Coating	FD&C Yellow 5 Lake 15-18%	Colorant

products in bold text are PMRA approved

These are just some of the hundreds of solutions we can bring to your business. Call your L.V. Lomas representative today and start converting your agricultural challenges into flawless products.

Proudly representing our Principal Partners in the Agricultural industry



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