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*The Australian Solution™*

# Agricultural Product Range



*The Australian Solution™*

Victorian Chemicals manufactured its first product for agriculture in 1939, Voullaires Ee-Muls-Oyle; this is now the leading Fruit Drying Oil in the Sunraysia Region (Mildura). Since then, our knowledge of oils and surfactant chemistry and manufacturing capability has increased significantly. This has been instrumental in the development of our product range. These products, including the well known spray adjuvants Hasten and Hot-Up, are designed to assist the agricultural industry in its drive for higher productivity and value. Victorian Chemicals remains committed to providing our customers with quality products, and service that is both professional and friendly. We will continue to develop; our understanding of our customers' requirements, the operations of our company and our technical expertise.

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Spray Adjuvants				
Description	Key Benefit(s)	Applications	Packaging	
 <b>HASTEN<sup>+</sup> - Spray Adjuvant</b>	Esterified Vegetable Oil (Ethylated) and Nonionic Surfactants	Widely cross labeled with leading Herbicide products, HASTEN has excellent surface penetration capabilities and is suitable for use with most agrichemical products and in a wide range of spray conditions. BFA approved*	Herbicides Insecticides Fungicides Defoliant	20L 110/120L 1000L
 <b>HOT-UP<sup>+</sup> - Spray Adjuvant</b>	A blend of Ammonium Sulphate, Nonionic Surfactants and Mineral Oil	Designed to enhance the performance of Glyphosate and other knockdown herbicides in adverse conditions; hard water protection, hot conditions and difficult to wet weeds.	Non-Selective Herbicides	20L 110/120L 1000L
 <b>DELUGE<sup>+</sup> 1000 - Wetting Agent</b>	Nonionic Surfactant for agricultural use	General purpose surfactant to improve spray droplet retention, wetting and spreading on target surface for herbicides and pesticides as per their label instructions. BFA Approved*	Herbicides Insecticides Fungicides	5L 20L 110/120L 1000L
 <b>INFILTRATOR<sup>+</sup> - Spray Adjuvant</b>	Esterified Vegetable Oil (Methylated) and Nonionic Surfactants	INFILTRATOR has very good surface penetration capabilities that enhance active ingredient performance.	Herbicides Insecticides Fungicides	20L 110/120L 1000L
 <b>SPRINTA<sup>+</sup> - Superwetter</b>	100% organo silicone Nonionic Superwetter	Assists retention of spray droplets and provides excellent coverage on target surface and penetration of active ingredients.	Herbicides Insecticides Fungicides	1L 2.5L 5L 10L
 <b>WET-AS<sup>+</sup> - Spray Adjuvant</b>	A blend of Ammonium Sulphate and Nonionic Surfactants	Minimises the detrimental effects of hard spray water on susceptible herbicides eg. Glyphosate, increases spray droplet coverage on weed surfaces and acts as a compatibility agent in tank mixes	Herbicides	20L 110/120L 1000L
 <b>INBOUND<sup>+</sup> - Spray Adjuvant</b>	Highly refined Mineral Oil and a high concentration (20%) of Nonionic Surfactants	High loading of Surfactants improves retention, spreading and penetration of a wide range of agrichemicals.	Herbicides	20L 110/120L 1000L
 <b>AD-HERE<sup>+</sup> - Spray Adjuvant</b>	Highly refined Mineral Oil and Nonionic Surfactants	Highly refined mineral oil reduces the potential for crop phytotoxicity. Can be used as a bulking agent in low volume applications.	Herbicides Insecticides Fungicides Defoliant	20L 110/120L 1000L Bulk
 <b>EMPOWER<sup>+</sup> - Spray Adjuvant</b>	Refined Mineral Oil and Nonionic Surfactants	Excellent bulking and anti-evaporant agent in non-selective situations.	Herbicides Insecticides	20L 110/120L 1000L Bulk
 <b>ENVOY<sup>+</sup> - Spray Adjuvant</b>	A blend of cationic Buffering agents, Nonionic Surfactants and Canola oil	The buffering system will improve the performance of knockdown herbicides, eg. Glyphosate, that are susceptible to unfavourable spray water pH conditions.	Non-Selective Herbicides	20L 110/120L 1000L
 <b>NEXUS<sup>+</sup> - Spray Adjuvant</b>	Highly refined Canola Oil and Nonionic Surfactants	Enhances spray droplet deposition on the target by improving retention and reducing evaporation rates. BFA approved*	Herbicides Insecticides Fungicides	20L 200L 1000L
 <b>ASSERT<sup>+</sup> - Spray Adjuvant</b>	High strength liquid Ammonium Sulphate solution	Minimises the detrimental effects of hard spray water on susceptible herbicides eg. Glyphosate and acts as compatibility agent in tank mixes	Herbicides	20L 120L 1000L

Speciality Products for Horticulture and Viticulture				
Description	Key Benefit(s)	Packaging		
 <b>TRUMP<sup>+</sup> - Spray Oil</b>	Highly refined Paraffinic Oil (USR >98%) and Surfactants	Very high purity paraffin oil designed to minimize phytotoxicity potential and assist growers in maximizing the value of their produce by killing pests directly and enhancing the performance of certain pesticide products. BFA approved*	20L 200L 1000L Bulk	
 <b>VICOL<sup>+</sup> SUMMER OIL - Insecticide</b>	Highly refined Petroleum Oil (USR >92%) and Surfactants	Successfully used by growers for over 20 years for the management of insects and disease in their crops. Suitable for use throughout the year when used according to the label. BFA approved*	20L 200L 1000L Bulk	
 <b>VICOL<sup>+</sup> WINTER OIL - Insecticide</b>	Refined Petroleum Oil and Surfactants	Designed for use only on trees and plants that are completely dormant, this product provides cost effective control of certain insect pests.	20L 200L 1000L Bulk	
 <b>DELUGE<sup>+</sup> LOW FOAM - Wetting Agent</b>	A low foaming 60% Nonionic Surfactant for high value crops	Designed for low phytotoxicity potential and to improve spray results by assisting retention, wetting and spreading of spray droplets and improved uptake of agrichemicals.	10L 20L 200L 1000L	
 <b>HITMAN<sup>+</sup> - Soap Insecticide</b>	Selected potassium soaps for soft bodied insect control	An organically approved contact insecticide and wetting agent that has no withholding period and poses a low risk for users and the environment. BFA approved*	20L 200L	
 <b>VOULLAIRE'S<sup>+</sup> EE-MULS-OYLE<sup>+</sup> - Multi-purpose Drying Oil</b>	Esterified Vegetable Oil and Surfactants.	A premium emulsifiable oil product for drying grapes and other whole fruits. Promotes rapid drying which improves the appearance, texture and value of dried fruit. Components approved for use by the USA Food and Drug Administration. BFA approved*	20L 200L 1000L	
 <b>GALA<sup>+</sup> - Growth Regulator</b>	Gibberellic Acid (GA <sub>3</sub> ) in Ethyl Oleate and Surfactants	A unique non-flammable and non-poisonous liquid formulation of Gibberellic Acid for use as a foliar spray to promote beneficial effects on grapes, prunes and citrus, and to stimulate winter growth in grass based pasture. (registration pending)	1L 10L	
 <b>BUFF-IT<sup>+</sup> - Spray Adjuvant</b>	A blend of Nonionic Sufactants and Buffering agents with pH Indicator	Buffers spray water to pH range 4 to 5, contains an indicator which changes colour at pH 5, assists spray droplet retention, wetting and spreading on target surfaces.	5L 20L 110/120L 1000L	
 <b>SOAK-N-WET<sup>+</sup> - For SOIL WETTING and WATER RETENTION</b>	A blend of Nonionic Sufactants and Water Retaining Polymers	Assists wetting of even the most hydrophobic soils. Holds water in the root zone and can help prevent leaching of water and nutrients.	20L 200L 1000L	

Animal Health				
Description	Key Benefit(s)	Packaging		
 <b>BLOAT DRENCH<sup>+</sup> - Oral Bloat Control</b>	Selected Nonionic Surfactants	Very effective and reliable product for preventing Bloat by oral drenching or using in drinking troughs.	20L 200L	
 <b>BLOAT PASTURE SPRAY<sup>+</sup> - A compound to aid control of Bloat in Cattle</b>	Paraffinic Oil and Surfactants	Applied to Pastures prior to grazing and for oral drenching cattle that have developed Bloat	20L 200L	

\*BFA - Biological Farmers Association approve for use by certified organic growers