

CIDER

BROCHURE



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MURPHY & SON

MURPHY & SON CIDER RANGE.

Discover the secret to a perfect glass with Murphy & Son. We have proudly supported the Beverage Industry with product solutions and technical expertise since 1887.

With over a century of research and expertise, we have been providing innovative product solutions and technical support to the Beverage Industry since 1887. Our commitment to quality and reliability ensures we meet the unique needs of Cidermakers worldwide. For over 135 years Murphy & Son has innovated,

manufactured and distributed high quality products to unlock key challenges in production processes. Our solutions are one of the most varied and extensive in the industry. We underpin our range with world class technical support through our team of experts and category specialists.



ADJUNCTS

	AVAILABLE SIZE
Granulated Sugar Graunulated sugar acts as a fermentable sugar source that yeast converts into alcohol and helps balance the acitdity and sweetness of the cider. Allowing you to fine-tune the flavour profile.	25 KG
Caramel TMF Ideal for making colour adjustments of medium colour intensity in cider, the character remains unchanged.	25 KG 1300 KG
Sucralose Powder Sucralose is a low-calorie sweetener made from sugar designed to enhance sweetness intensity in place of sugar and reduces calories in cider.	10 KG 25 KG

BACTERIA

	AVAILABLE SIZE
ACTI-ML™ Bacteria Nutrient Lallemmand Acti-ML™ is a specific blend of inactive yeasts rich in amino acids, mineral cofactors and vitamins. It can be used in cidermaking to tackle issues of yeast viability or fermentation completion.	1 KG
Enoferm Alpha™ MBR Lallemmand MBR™ direct inoculation <i>Oenococcus oeni</i> , sensory and mouthfeel over wide ranging difficult conditions.	25 G
Lalvin 31™ MBR Lallemmand MBR™ direct inoculation <i>Oenococcus oeni</i> , adapted to low pH and low temperature.	2.5 G / 2.5 HL
Lalvin MT01™ MBR Lallemmand Widely used malolactic cultures for ciders with low pH and when neutral sensory impact is desired.	25 G / 25 HL
Lalvin Opti'Malo™ Lallemmand General-purpose MLF nutrient.	25 G / 25 HL
Lalvin VP41™ MBR Lallemmand MBR™ direct inoculation <i>Oenococcus oeni</i> , highly tolerant strain which can perform under the most difficult cidermaking conditions.	2.5 G / 2.5 HL 25 G / 25 HL
Start ML5 A concentrated supplement of nutrients for lactic acid bacteria, rich in amino acids, peptides, vitamins and minerals. Helps to rapidly produce efficient malolactic starters.	500 G
Vitilactic® Starter BL01 A lactic bacteria strain selected for carrying out malolactic fermentation on very acidic ciders.	1 KG

ENZYMES

	AVAILABLE SIZE
Lallzyme C-Max™ Pectinase For overall improvement in juice quality, combined with rapid and compact lees settling resulting in improved cider quality.	250 G
Lallzyme Beta™ For ciders rich in bound terpene compounds, Lallzyme Beta™ offers a combination of pectinase and beta-glucosidase enzymes.	100 G
NDB3 100 T.U Papain Liquid A solution of proteolytic enzymes extracted from the fruit of the papaya tree, ideal for improving shelf life.	5 KG

FILTRATION

	AVAILABLE SIZE
Celatom Diatomite CP1400E (420Kgs per Pallet) 7030451	20 KG
Celatom Diatomite CP5000E (420Kgs per Pallet)	20 KG
Celatom Diatomite FP1 (420Kgs per Pallet)	20 KG
Celatom Diatomite FP2 (420Kgs per Pallet)	20 KG
Celatom Diatomite FP22 (420Kgs per Pallet)	20 KG
Celatom Diatomite FP3 (420Kgs per Pallet)	20 KG
Celatom Diatomite FW14 (420Kgs per Pallet)	20 KG
Celatom Diatomite FW6 (420Kgs per Pallet)	20 KG
Celatom Diatomite FW60 (420Kgs per Pallet)	20 KG

FININGS

	AVAILABLE SIZE
Finest RFU Isinglass (Ready To Use Finings)	25 KG 200 KG 600 KG 1000 KG
Naturo F	5 KG 25 KG 200 KG
Super F	5 KG 25 KG 200 KG

FLAVOUR

	AVAILABLE SIZE
Zetolite 63 (Copper)	500 G 10 KG
Zetolite 65 (Zinc)	500 G 10 KG

FOAM

	AVAILABLE SIZE
ReFoam	5 KG 25 KG 1000 KG

HYGIENE

	AVAILABLE SIZE
Caustic Soda Liquor 70 Tw	25 KG
Caustic Soda Liquor 70 Tw Membrane Grade	1350 KG
Deptil HDS	4 KG
Enzybrew	10 KG
NIPAC B (Liquid)	30 KG 250 KG
Peracetic Acid 5%	30 KG 1100 KG
Sequestrant Additive	25 KG
Stericleanse No.1 (HZ)	25 KG 200 KG 1375 KG

How to order your Chemistry & Microbiological Tests

We have streamlined the process of ordering Chemistry and Microbiological tests to create a seamless experience in obtaining crucial insights.

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LAB ANALYSIS

	LAB CODE
ABV Analysis by Distillation ABV, present gravity and original gravity analysed by distillation (500 mL).	LAB-ABV
Elemental Analysis Suite X 6 Elements analysed by ICP-OES. Arsenic, Cadmium, Copper, Iron, Mercury, Lead	LAB-HM
Sulphur Dioxide Analysis - LAB-SO2 Total sulphur dioxide analysis. LOD is 2ppm.	LAB-SO2
Potassium Sorbate Potassium Sorbate testing for cider.	LAB-POTSOR

LAB CONSUMABLES

	LAB CODE
Lab Iodine Solution A 250 mL bottle of 0.1N iodine for starch tests	LABSAL-IODINE-250ML
Sterile Pipettes 1 mL x1 Serological 1 mL pipette, individually wrapped	LABSAL-PIP1
Sterile Pipettes 10 mL x1 Sterile 10 mL pipette	LABSAL-PIP10
Methylene Blue Solution A 250 mL bottle of Methylene Blue Solution for staining yeast cells to enable cell counts	LABSAL-METH-250ml
Microscope A Brunel SP30 Microscope & Case	LABSAL-MICROSCOPE
Microscope Kit A Brunel SP30 Microscope + counting chamber, pipettes, methylene blue + case	LABSAL-MICROKIT
Microscope Slide A pack of 50 glass microscope slides	LABSAL-SLIDES
Microscope Slide Coverslips A pack of 200 glass microscope slide coverslips	LABSAL-SLIPS
Myron Handheld pH Meter with ATC A pen type pH meter with built in temperature compensation	LABSAL-PH-METER
Peracetic Acid Test Strips 0 - 160ppm (Pack of 50) A pack of test strips for testing residual amounts of PAA post CIP rinsing	LABSAL_TS_PAA_50
pH Buffer Solution - pH 4 - 1000 mL 1000 mL bottle of pH 4 Buffer Solution	LABSAL-PH4-1000ML

LAB CONSUMABLES

	LAB CODE
pH Buffer Solution - pH 7 - 1000 mL 1000 mL bottle of pH 7 Buffer Solution	LABSAL-PH7-1000ML
pH Papers A pack of 100 strips of pH paper that can measure from pH 1 to 14	LABSAL-PH-PAPER1-14
pH Probe Storage Solution A 500ml bottle of storage solution that cleans and protects pH probes	LABSAL-PH-S.SOL-500
Pipette Filler A rubber bulb pipette filler	LABSAL-PIPBULB
Universal Sterile Sampling Bottle A 30ml sterile universal sampling bottle	LABSAL-UNITUBE
Thermometer, Red Spirit -10°C to +110°C Spirit filled thermometers covering the range of -10°C to +110°C Filling is coloured red on a white back glass	AATHERMRS
Glass Saccharometer 1000 - 1010 Saccharometer	AA-SACCH-00/10
Glass Saccharometer 1000 - 1030 Saccharometer	AA-SACCH-00/30
Glass Saccharometer 1000 - 1050 Hydrometer	AA-SACCH-00/50
Glass Saccharometer 1000 - 1060 Hydrometer	AA-SACCH-00/60
Glass Saccharometer 1010 - 1020 Hydrometer	AA-SACCH-10/20
Glass Saccharometer 1090 - 1120 Hydrometer	AA-SACCH-1090/1120
Glass Saccharometer 1120 - 1140 Hydrometer	AA-SACCH-1120/1140
Glass Saccharometer 1020 - 1030 Saccharometer	AA-SACCH-20/30
Glass Saccharometer 1030 - 1040 Hydrometer	AA-SACCH-30/40
Glass Saccharometer 1030 - 1060 Hydrometer	AA-SACCH-30/60
Glass Saccharometer 1040 - 1050 Hydrometer	AA-SACCH-40/50
Glass Saccharometer 1050 - 1060 Hydrometer	AA-SACCH-50/60
Glass Saccharometer 1060 - 1070 Hydrometer	AA-SACCH-60/70
Glass Saccharometer 1060 - 1090 Hydrometer	AA-SACCH-60/90
Saccharometer Jar Plastic 360 x 50 mm	AA-SACCH-JARP

LIQUOR TREATMENTS

	AVAILABLE SIZE
Lactic Acid 80% Lactic Acid 80% is commonly used to adjust the pH, creating the right conditions for fermentation and flavour development.	6 KG 25 KG 240 KG
Phosphoric Acid 30% Phosphoric Acid 30% is used to remove light scale from a variety of vessels, pipework and equipment.	25 KG
Phosphoric Acid 70% Phosphoric Acid 75% is used for acid washing, eliminates bacterial contaminants from pitching yeast.	7.5 KG

NUTRIENTS

	AVAILABLE SIZE
Diammonium Phosphate Diammonium Phosphate (DAP) yeast nutrient improves the rate of yeast growth and prevents slow fermentations.	25 KG
GO-FERM® Protect Evolution Lalvin GoFerm Protect Evolution yeast nutrient is enriched to sterols and lipids and helps to one safe, pure and aroma-protective fermentation.	1 KG 2.5 KG
Lalvin Reduless Inactivated Reduless is a proprietary fining product from Lallemand for the reduction of sulphur off aromas such as H2S and dimethyl sulphide. Its formulation includes bentonite together with other natural elements which are rich in copper.	1 KG
Yeast Vit Yeast Vit is a blended yeast nutrient is a balanced blend of nutrients formulated to optimise yeast health and activity in cider fermentation.	5 KG 25KG
Zinc Sulphate Heptahydrate Zinc Sulphate Heptahydrate granular powder is a simple source of zinc for where the nutrient is lacking.	5 KG 25KG
Zinc Sulphate Solution Zinc Sulphate Solution is an essential growth factor for many strains of yeast. Zinc acts as a metal ion co-factor, catalysing several enzymic reactions that would otherwise not take place or at a very slow rate.	5 KG 25KG

PRESERVATIVES & STABILISERS

	AVAILABLE SIZE
Ascorbic Acid An economically effective anti-oxidant that reduces the susceptibility of cider to oxidation haze.	25 KG
ELECTRA® ELECTRA is an activated calcium bentonite with high deproteinisation capacity.	25 KG
KMS Solution 18% KMS Solution 18% is a food grade Potassium Metabisulphite solution, which provides a convenient way of adding measured quantities of sulphur dioxide. It is also known as E224.	5 KG 25 KG

PRESERVATIVES & STABILISERS

	AVAILABLE SIZE
Citric Acid Anhydrous This natural product is mainly used for flavouring and is a preservative in food and beverages.	25 KG
Citric Acid Solution This natural product is mainly used for flavouring and is a preservative in food and beverages.	25 KG
Malic Acid Granular An organic compound and the active ingredient in many sour or tart foods. Used to enhance flavour profiles.	25 KG
Metabs Metabs provide a convenient way of adding measured quantities of sulphur dioxide. It's easy to use tablet form means no need to measure or weigh.	5 KG
Potassium Sorbate Solution Potassium Sorbate is used to inhibit moulds and yeast growth to increase shelf life.	25 KG
Salicon Liquid 30% Salicon Liquid 30% is a Sodium Metabisulphate solution, giving effective prevention of biological spoilage. This product is also used to eliminate free chlorine.	25 KG 250 KG 1300 KG 1000L
Staze 100% natural material extracted from renewable plant materials in order to create a natural stable haze. Staze acts as a powerful stabilising agent to enhance shelf life. Stable Haze – Staze!	1 KG

YEAST

	AVAILABLE SIZE
SAFCIDER FERMENTIS Fermentis SafCider can be used for all types of ciders, even under difficult fermentation conditions. Ferment ciders, applejack, or apple brandy washes with Safcider from Fermentis.	500 G
GO-FERM® Protect Evolution Lalvin GoFerm Protect Evolution Yeast has been specially designed for premium ciders. It is composed out of inactive yeasts and yeast autolysates and is recommended to use for rehydrating purebred yeasts.	500 G
Glutastar Inactivated Yeast GLUTASTAR™ is a natural specific inactivated yeast with guaranteed glutathione level, dedicated to the protection against oxidation.	500 G
Lalvin DV10™ Lalvin DV10™ is considered a clean fermenter that respects the varietal character and avoids the harsh sensory contributions of another one-dimensional 'workhorse' yeasts, such as Prise de Mousse. It is classified as a Saccharomyces cerevisiae bayanus.	500 G
Lalvin EC1118™ The fermentation characteristics of the EC1118™ — extremely low production of foam, volatile acid and hydrogen sulphide (H2S) — make this strain an excellent choice.	500 G
Lalvin QA23™ Lalvin QA23™ selected on soil types for the area of the appellation of Vinhos Verdes in Portuga offers qualities of fermented security bound to weak demand in assimilable nitrogen and O².	500 G
Lalvin 71B™ Lalvin 71B™ is a high ester producer, which gives the cider a characteristic fruity (fruit salad) aroma. It is known for the production of the ester isoamyl acetate (3-methyl butyl acetate), an ester described as having a banana and pear aroma.	500 G





OUR SECRETS. YOUR CIDER.

DISCOVER THE MURPHYS SECRET

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