



THE WELDING CHEMICAL EXPERTS

CANTESCO[®]
welding chemical products

PRODUCT CATALOG



KEMPER SYSTEM AMERICA



KEMPER SYSTEM GERMANY

THE DEVELOPMENT OF CANTESCO®

The CANTESCO® brand, founded in Canada in 1982, is a global supplier of welding chemical products.

In 2009 Cantesco Corporation was purchased by KEMPER SYSTEM GmbH & Co., headquartered in Vellmar, Germany, the construction chemical unit of IBG, a Cologne, Germany based holding company.

IBG is a leading global provider of high-quality construction chemical, sealing and coating systems as well as a globally successful manufacturer and supplier of welding products.

Under the CANTESCO® brand and through private label we assist in developing market areas and provide in-house research and development in response to customer needs. As part of this program we offer:

- product seminars for support staff
- literature preparation for private label programs
- technical support
- development of sales training manuals
- health and safety information
- private label design and production

THE CANTESCO® COMMITMENT TO QUALITY

- development of new products
- continuously improving its products to meet the needs of our customers; and
- delivering defect-free products on time.

Modern production facilities in the US and Germany ensure compliance with local, national and international regulations in terms of product labelling, quality and safety in ISO certified facilities (9001, 14001). Extensive production and quality control testing on raw material and finished product make CANTESCO® your go to chemical resource!



THE CANTESCO® PRODUCT LINE

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CANTESCO® Leak Detection products are formulated to detect leaks in propane, butane, LPG and compressed air and gas systems. Our colored solutions allow for easier leak location.

LEAK DETECTION COMPOUNDS

LEAK DETECTION COMPOUND - REG TEMP TYPE 1 - APPROVED FOR OXYGEN USE

ITEM	APPLICATION	TEMP RANGE	SIZE	PER BOX
300-08	Oxygen compatible type II regular temperature leak detector (meets MIL-PRF-25567E) with 12" pull out extension tube in 8 oz bottles. Can be used with all welding gases. Clear free flowing liquid with no objectionable odor.	+27°F to 200°F -3°C to 93°C	8 OZ	12 bottles
300-1G			1 GAL	4 jugs
300-5G			5 GAL	per carboy
300-DR			55 GAL	per drum

LEAK DETECTION COMPOUND - LOW TEMP TYPE II - APPROVED FOR OXYGEN USE

ITEM	APPLICATION	TEMP RANGE	SIZE	PER BOX
365-08	Same as above, except type II low temperature -65°F (-54°C) leak detector.	-65°F to 200°F -54°C to 93°C	8 OZ	12 bottles
365-1G			1 GAL	4 jugs
365-5G			5 GAL	per carboy
365-DR			55 GAL	per drum

LEAK DETECTION COMPOUND - REGULAR TEMPERATURE

ITEM	APPLICATION	TEMP RANGE	SIZE	PER BOX
100-1G	Regular temperature solution for detection of leaks in compressed air and gas systems. Yellow solution allows for easier leak location against reflective surfaces such as aluminum and stainless steel. Includes viscosity additive to allow for adherence to vertical surfaces.	+27°F to 200°F	1 GAL	4 jugs
100-DR		-3°C to 93°C	55 GAL	per drum

LEAK DETECTION COMPOUND - MID TEMPERATURE

ITEM	APPLICATION	TEMP RANGE	SIZE	PER BOX
135-1G	Mid temperature solution for detection of leaks in compressed air and gas systems. Green solution allows for easier leak location against reflective surfaces such as aluminum and stainless steel. Includes viscosity additive to allow for adherence to vertical surfaces.	-35°F to 200°F	1 GAL	4 jugs
135-DR		-37°C to 93°C	55 GAL	per drum

LEAK DETECTION COMPOUND - LOW TEMP RED

ITEM	APPLICATION	TEMP RANGE	SIZE	PER BOX
LTR1-1G	Mid temperature solution formulated for detection of leaks in propane, butane, LPG and compressed air and gas systems. Red solution allows for easy leak location in testing tube fittings and valves, pipe connections, gas cylinders, etc.	-10°F to 200°F	1 GAL	4 jugs
LTR1-5G		-23°C to 93°C	5 GAL	per carboy
LTR1-DR		55 GAL	per drum	





Our solvent removable and water washable penetrants are used to indicate surface flaws against white developer powder background.

DYE PENETRANT INSPECTION

DYE PENETRANT INSPECTION - VISIBLE DYE PENETRANT P101S - SOLVENT REMOVABLE

ITEM	APPLICATION	TYPE	SIZE	PER BOX
P101S-A	Red dye, solvent removable penetrant. No chlorinated solvents, meets ASME section V halogen and chloride content requirements.	Method C Solvent Removable Type 2, Visible Dye	16 OZ	12 cans

DYE PENETRANT INSPECTION - VISIBLE DYE PENETRANT P301W - WATER WASHABLE

ITEM	APPLICATION	TYPE	SIZE	PER BOX
P301W-A	Same as above, except water washable penetrant. No chlorinated solvents, meets ASME section V halogen and chloride content requirements.	Method A Water Washable Type 2, Visible Dye	16 OZ	12 cans

DYE PENETRANT INSPECTION - DEVELOPER D101 - NON AQUEOUS WET

ITEM	APPLICATION	TYPE	SIZE	PER BOX
D101-A	Non-aqueous wet developer that sprays out white for red dye indications.	Form E Non-aqueous Type 2, Visible Dye	16 OZ	12 cans

DYE PENETRANT INSPECTION - SOLVENT CLEANER C101 - STANDARD

ITEM	APPLICATION	TYPE	SIZE	PER BOX
C101-A	Solvent blend of non-chlorinated petroleum hydrocarbon solvents. Meets ASME section V halogen and chloride content requirements.	Class 2 Nonhalogenated Solvent Cleaner	16 OZ	12 cans

DYE PENETRANT INSPECTION - SOLVENT CLEANER C901N-A

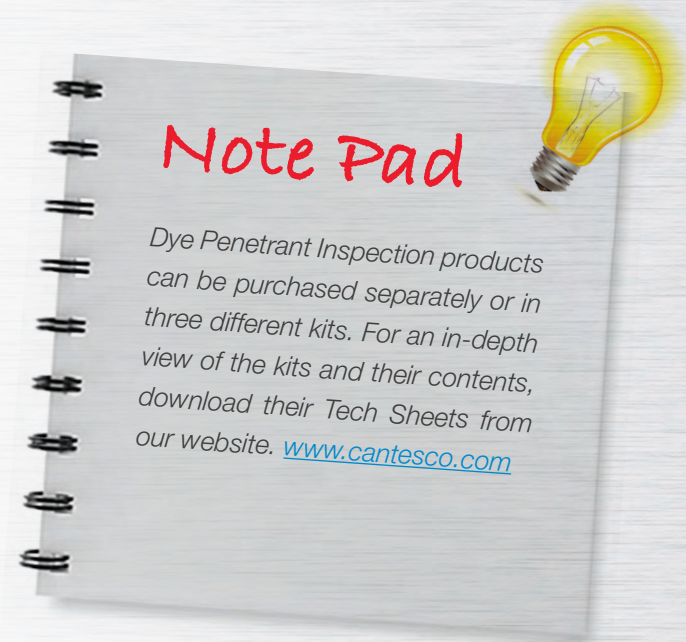
ITEM	APPLICATION	SIZE	PER BOX
C901N-A	Solvent cleaner for removal of red dye penetrants and developer powders.	16 OZ	12 cans

MAGNETIC PARTICLE INSPECTION - DEVELOPER D2000-A

ITEM	APPLICATION	SIZE	PER BOX
D2000-A	Non-aqueous wet contrast developer that sprays out a fine mist of white powder, improves ability to see magnetic particles on surface areas.	16 OZ	12 cans

8 CAN TEST KITS (EACH KIT INCLUDES A PAINT MARKER AND CLEANING WIPES)

ITEM	DESCRIPTION	QUANTITY
K801S	(2) Penetrants P101S-A, (2) Developers D101-A, (4) Cleaners C101-A	(8) 16 OZ cans per kit
K803W	(2) Penetrants P301W-A, (2) Developers D101-A, (4) Cleaners C101-A	(8) 16 OZ cans per kit
K801SA	(2) Penetrants P101S-A, (2) Developers D101-A, (4) Cleaners C901N-A	(8) 16 OZ cans per kit





CANTESCO® Cooling fluids are available in both propylene glycol and ethylene glycol based formulas. Designed for use in Plasma, MIG and TIG welding systems.

COOLING FLUIDS

COOLING FLUIDS - INHIBITED PROPYLENE GLYCOL BASED

ITEM	APPLICATION	TEMPERATURE	SIZE	PER BOX
CFPG-1G	An inhibited blend of di-ionized water and propylene glycol. Product does not contain ethylene glycol or other hazardous ingredients. Low Conductivity.	+10°F / -12°C	1 GAL	4 jugs
CFPG-5G			5 GAL	per carboy
CFPG-DR			55 GAL	per drum



Note Pad

CANTESCO® is committed to quality and the environment. We are ISO 14001 certified. The ISO 14001 standard documents the requirements of an environmental management system (EMS), a systemic approach to handling environmental issues within an organization. To download a copy of our ISO certificates please visit www.cantesco.com

COOLING FLUIDS - INHIBITED ETHYLENE GLYCOL BASED - REGULAR TEMPERATURE

ITEM	APPLICATION	TEMPERATURE	SIZE	PER BOX
CF1-1G	Available in a ready-to-use format, CANTESCO® COOLING FLUID is a water and ethylene glycol based formulation which is designed to cool and protect equipment. Low Conductivity.	+19°F / -7°C	1 GAL	4 jugs
CF1-5G			5 GAL	per carboy
CF1-DR			55 GAL	per drum

COOLING FLUIDS - INHIBITED ETHYLENE GLYCOL BASED - MID TEMPERATURE

ITEM	APPLICATION	TEMPERATURE	SIZE	PER BOX
CF2-1G	Same as above, except mid temperature cooling fluid formulation.	+6°F / -14°C	1 GAL	4 jugs
CF2-5G			5 GAL	per carboy
CF2-DR			55 GAL	per drum


COOLING FLUIDS - INHIBITED ETHYLENE GLYCOL BASED - LOW TEMPERATURE

ITEM	APPLICATION	TEMPERATURE	SIZE	PER BOX
CF3-1G	Same as CF1 except low temperature cooling fluid formulation.	-32°F / -35°C	1 GAL	4 jugs
CF3-5G			5 GAL	per carboy
CF3-DR			55 GAL	per drum

COOLING FLUIDS - INHIBITED ETHYLENE GLYCOL BASED - EXTREME TEMPERATURE

ITEM	APPLICATION	TEMPERATURE	SIZE	PER BOX
CF4-1G	Same as CF1 except extreme temperature cooling fluid formulation.	-60°F / -52°C	1 GAL	4 jugs
CF4-5G			5 GAL	per carboy
CF4-DR			55 GAL	per drum





Our quick drying solvent based anti-spatter products are used for the prevention of spatter build up in welding applications. Our oil free water based anti-spatters are designed to weld through while wet.

ANTI-SPATTERS

HEAVY DUTY SOLVENT ANTI-SPATTER

ITEM	APPLICATION	SIZE	PER BOX
AS-16-A	Heavy duty anti-spatter is a non-flammable, quick drying, solvent based spray. Heat resistant for high temperature applications.	16 OZ	12 cans

AS SURFACTANT WATER BASED ANTI-SPATTER

ITEM	APPLICATION	SIZE	PER BOX
AS-1G	Surfactant based anti-spatter for prevention of spatter build up in welding applications. Ready to use, no further dilution required, not affected by freezing.	1 GAL	4 jugs
AS-5G		5 GAL	per carboy
AS-DR		55 GAL	per drum

ROBOTIC WATER BASED ANTI-SPATTER

ITEM	APPLICATION	SIZE	PER BOX
ROB-1G	Oil free water based product for use in robotic welding applications. Product will not affect seals and materials used in welding stations. Ready to use, no further dilution required, not affected by freezing.	1 GAL	4 jugs
ROB-5G		5 GAL	per carboy
ROB-DR		55 GAL	per drum

CERAMIC ANTI-SPATTER

ITEM	APPLICATION	SIZE	PER BOX
CRM-16-A	Unlike liquid-based applications, CANTESCO® CERAMIC ANTI-SPATTER dries to form a solid, durable coating, ensuring that anti-spatter residues do not drip into the weld to cause contamination or porosity.	16 OZ	12 cans

PREMIUM WATER BASED HIGH SOLIDS ANTI-SPATTER - CONCENTRATE

ITEM	APPLICATION	SIZE	PER BOX
ES-16-A	Premium quality water based anti-spatter compound that provides a thin, uniform protective coating on MIG nozzles, tips, fixtures and materials during weld process. Prevents spatter build up in welding applications on all types of materials including steel, stainless steel and aluminium. High solids content ensures an effective protective coating is placed over surface area.	16 OZ	12 cans
ES-1G		1 GAL	4 jugs
ES-5G		5 GAL	per carboy
ES-DR		55 GAL	per drum



Our Premium Nozzle Tip Dip provides a rich protective barrier which prevents spatter buildup on MIG gun nozzles, tips, positioners and fixtures.

Dip hot tip nozzle into CANTESCO® PREMIUM NOZZLE TIP DIP or brush on parts as needed.



NOZZLE TIP DIP

PREMIUM NOZZLE TIP DIP

ITEM	APPLICATION	SIZE	PER BOX
TD-16	CANTESCO® PREMIUM NOZZLE TIP DIP is made from USP grade materials and provides a rich protective barrier.	16 OZ	12 cans
TD-16-M	Same as above, packaged in metal cans. Eliminates burn through associated with putting hot tip through a plastic jar, allows for 100% product use.	16 OZ	12 cans





Zinc Rich Spray products are quick drying and offer superior protection for steel and ferrous metals in harsh, corrosive environments.

ZINC SPRAYS

ALUMA-GALV BRILLIANT ZINC RICH SPRAY

ITEM	APPLICATION	SIZE	PER BOX
AG-16-A	Specially formulated for sheet galv applications, CANTESCO® ALUMA-GALV BRILLIANT ZINC RICH SPRAY SM provides superior zinc protection on welds, galvanized steel, base iron and other ferrous surfaces. CANTESCO® ALUMA-GALV BRILLIANT ZINC RICH SPRAY SM provides a brilliant metallic aluminum protective finish.	16 OZ	12 cans

PREMIUM ZINC RICH SPRAY GALV

ITEM	APPLICATION	SIZE	PER BOX
BG-16-A	Quick drying, zinc rich cold galv spray that provides a brilliant metallic aluminium protective finish.	16 OZ	12 cans

PREMIUM ZINC RICH SPRAY GALV (MATTE FINISH)

ITEM	APPLICATION	SIZE	PER BOX
PZ-16-A	Quick drying, zinc rich cold galv spray that provides a dark gray matte protective finish.	16 OZ	12 cans

Our pre-treated wire lube pads reduce friction in wire feed units by removing dirt and dust particles from welding wire.

Pads are coated to lubricate the wire, helping prolong the life of the wire feed and nozzle.

PREMIUM WIRE LUBE PADS



WIRE LUBE PADS - SQUARE REGULAR

ITEM	APPLICATION	PADS PER BAG	PER BOX
LUBE-6	Pre-treated wire lube pads that reduce friction in wire feed units by removing dirt and dust particles from welding wire. (not for aluminum applications)	6 per bag	12 bags
LUBE-8		8 per bag	12 bags
LUBE-25		25 per bag	12 bags

PREMIUM WIRE LUBE PADS - ROUND REGULAR

ITEM	APPLICATION	PADS PER BAG	PER BOX
P-LUBE-6	Pre-treated pink felt material with wire feed lubricant that is coated to remain wet without containing excess liquid material. (not for aluminum applications)	6 pads & clips per bag	12 bags

PREMIUM WIRE CLEANING PADS - ROUND REGULAR

ITEM	APPLICATION	PADS PER BAG	PER BOX
P-PADS-6	Product is made with a high density grey felt material designed to maximize wire cleaning; each pad comes with steel clip. (for aluminum applications)	6 pads & clips per bag	12 bags

PLASMA ARC WATER TABLE FLUID

PLASMA ARC WATER TABLE FLUID

ITEM	APPLICATION	SIZE	PER BOX
PATF-5G	CANTESCO® PLASMA ARC WATER TABLE FLUID is specially formulated to eliminate steel corrosion, foul odors and insect infestation in plasma water tables and work pieces. Product can be used for stainless steel, steel and other ferrous metal fabrications. Do NOT use on copper.	5 GAL	per carboy
PATF-DR		55 GAL	per drum

WORLDWIDE DISTRIBUTION

CANTESCO® products are sold directly and through private label across North and South America, Europe, Asia, Australia and the Middle East.

Please contact our offices in Canada, the US or in Germany for additional details on our products, private label and support programs.

Our website is an excellent resource for product literature, compliance information, product tips and more. Through our site you can click and follow our social media updates, connect to our YouTube channel, or e-mail us directly with a question.

TO REQUEST:

- product samples
- support literature
- technical data sheets
- or safety data sheets

PLEASE E-MAIL US AT SALES@CANTESCO.COM OR VISIT US AT WWW.CANTESCO.COM

- All products produced in the USA and Germany
- ISO 9001 certified – quality management system
- ISO 14001 certified – environmental management system
- Quality assurance procedures
- REACH-compliant production / labelling
- Global sales and technical support
- Extensive range of products
- Private label
- Exceptional customer service

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