



**FORM: 365-TECH.ENG**

**PAGE 1 OF 2**

**TECHNICAL INFORMATION - TYPICAL ANALYSIS**

**PRODUCT:** CANTESCO® LEAK DETECTION COMPOUND - OXYGEN COMPATIBLE - APPROVED FOR OXYGEN USE - LOW TEMP TYPE II

**APPLICATION:** Low temperature oxygen compatible solution for detection of leaks in compressed air and gas systems. Clear free flowing liquid with no objectionable odor. For regular temperature applications (down to +27°F / 3°C) use CANTESCO® FORMULA 300, request 300-TECH for additional information.

**COMPOSITION:** Product does not contain mineral oil, vegetable oil, animal oil or fats; any material that will ignite or explode when in contact with liquid or gaseous oxygen; materials that will act as primary skin irritants, skin sensitizers or produce any other dermatosis; ketones, aldehydes, and alcohols as components in the formulation.

**TEMP RANGE:** -65°F TO 200°F (-54°C TO 93°C)

**PACKAGING:** Ready to use format available in 4 oz and 8 oz bottles with 12" extension tube in each bottle, 1 gallon, 5 gallon and 55 gallon drums.

| ITEM   | CODE  | SIZE           | QUANTITY PER BOX   |
|--------|-------|----------------|--------------------|
| 365-04 | 10195 | 4 oz bottle    | 12 bottles per box |
| 365-08 | 10200 | 8 oz bottle    | 12 bottles per box |
| 365-1G | 10205 | 1 gallon jug   | 4 jugs per box     |
| 365-5G | 10210 | 5 gallon pail  | per pail           |
| 365-DR | 10215 | 55 gallon drum | per drum           |

**MSDS:** An MSDS is available for this product upon request. To receive a copy e-mail us at [msds@cantesco.com](mailto:msds@cantesco.com) and request an MSDS for FORMULA 365.

PLEASE NOTE: Product use and conditions of use are beyond the control of CANTESCO CORPORATION. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretation of test results are the responsibility of the end-user. No other warranties, expressed or implied, are made.

LEAK DETECTION COMPOUNDS    GAS LEAK DETECTORS    ZINC RICH SPRAY GALVS  
DYE PENETRANT INSPECTION    ANTI-SPATTERS    NOZZLE TIP DIP    WIRE LUBE PADS  
COOLING FLUIDS    STAINLESS STEEL PICKLING PASTE    ALUMINUM CLEANER



FORM: 365-TECH.ENG

PAGE 2 OF 2

### TECHNICAL INFORMATION - TYPICAL ANALYSIS

#### SPECIFICATIONS:

| TEST                      | RESULTS                                     | METHOD                        |
|---------------------------|---|-------------------------------|
| Foreign Matter            | clear & free from suspended matter/sediment | MIL-PRF-25567E (sec 4.2.2.1)  |
| Odor                      | No objectionable odor                       | ASTM D1292                    |
| pH                        | 7.0 (+/-0.5) neutral range                  | MIL-PRF-25567E (sec 4.2.2.3)  |
| Nonflammability           | nonflammable                                | ASTM D92                      |
| Leak Detection            | Immediate foaming                           | MIL-PRF-25567E (sec 4.2.2.5)  |
| Foaming Ability           | Initial > 145.0 mm<br>Final > 130.0 mm      | ASTM D1173                    |
| Freezing Point            | -65°F to 200°F (-54°C to 93°C)              | ASTM D1177                    |
| Residue                   | Less than 0.50 percent by weight            | MIL-PRF-25567E (sec 4.2.2.8)  |
| Corrosion                 | No corrosion on test panels                 | MIL-PRF-25567E (sec 4.2.2.9)  |
| Compatibility with Oxygen | Compatible                                  | MIL-PRF-25567E (sec 4.2.2.10) |
| Mold Growth               | Does not support mold growth                | MIL-PRF-25567E (sec 4.2.2.11) |
| Sulphur                   | < 00.75 ug/gram                             | ASTM D-129 / D-516 (B)        |
| Fluoride                  | < 15.00 ug/gram                             | ASTM D-808 / D-1179 (B)       |
| Chloride                  | < 150.00 ug/gram                            | ASTM D-808 / D-512 (C)        |
| Ammonia                   | No ammonia                                  | ASTM D1426                    |

#### Q&A:

For answers on how to use CANTESCO® LEAK DETECTION COMPOUNDS ask for a copy of our LEAK TESTING IN WELDING APPLICATIONS booklet. For a complete product listing request a copy of our WELDING PRODUCTS CATALOG.

To receive a copy of Military specification please contact [www.document-center.com](http://www.document-center.com). For a copy of ASTM test methods for halogen and chloride content (sulphur, fluoride and chloride) contact the ASTM at [www.astm.org](http://www.astm.org). For further links visit us at [www.cantesco.com](http://www.cantesco.com)

PLEASE NOTE: Product use and conditions of use are beyond the control of CANTESCO CORPORATION. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretation of test results are the responsibility of the end-user. No other warranties, expressed or implied, are made.

LEAK DETECTION COMPOUNDS    GAS LEAK DETECTORS    ZINC RICH SPRAY GALVS  
DYE PENETRANT INSPECTION    ANTI-SPATTERS    NOZZLE TIP DIP    WIRE LUBE PADS  
COOLING FLUIDS    STAINLESS STEEL PICKLING PASTE    ALUMINUM CLEANER