



MASTERTECH BULLETIN

(Revised 03/7/18)

TRANSFORM COMPLETE™ (DRY CRYSTALS)

ONE PACKET NEUTRALIZES 1 GALLON OF 10% FORMALIN IN 15 MINUTES,
LEAVING A NON-HAZARDOUS PH NEUTRAL LIQUID!

TRANSFORM COMPLETE™, THE PRODUCT AND ITS PURPOSE:

TRANSFORM Complete™ is the newest member of our *TransForm* line of Formalin neutralizing products. Just one easy-to-use packet will “transform” one gallon of 10% Formalin into a non-hazardous neutral pH liquid in minutes. **TRANSFORM Complete™** was developed to improve efficiency, lower cost and simplify the neutralization process. **TRANSFORM Complete™** eliminates the need for hauling expensive and hazardous Formaldehyde waste to landfills. **TRANSFORM Complete™** reorganizes the molecular chain of Formaldehyde through oximation and reduces 10% Formalin to 0.001% Formalin in just 15 minutes. The end-product is non-hazardous, pH neutral and biodegradable. Each case of **TRANSFORM Complete™** comes with ten packets of dry crystals, sufficient product to neutralize ten gallons (40 Liters) of 10% Formalin in minutes.

TRANSFORM COMPLETE™, INSTRUCTIONS:

Under a fume-hood, pour one gallon of 10% Formalin into a plastic carboy or other adequately sized plastic receptacle. Carefully use scissors to open one packet of **TRANSFORM Complete™** and add it to the 10% Formalin, then mix solution thoroughly and allow it to stand for at least 15 minutes before disposing as non-hazardous waste. **NOTE:** Always add **TRANSFORM Complete™** to the 10% Formalin!

TRANSFORM COMPLETE™, STABILITY:

TRANSFORM Complete™ shelf life is four years.

TRANSFORM COMPLETE™, PRECAUTIONS:

As with all laboratory reagents, proper safety procedures must be followed. We recommended that proper eye protection, skin protection and ventilation be used when working with **TRANSFORM Complete™** and 10% Formalin.

TRANSFORM COMPLETE™, GOVERNMENT REGULATIONS:

There are no E.P.A., O.S.H.A., F.D.A., or D.O.T. restrictions on this product when used as directed.
A hazardous waste permit or license is not required to use this product.

NOTE: When using the *Formaldehyde Test Kit, AMTS Item# CWFTK*, to evaluate **TRANSFORM COMPLETE™** treated 10% Formalin, add 20 drops of the Formaldehyde Test Reagent to 5 ml of the test sample. To order *Colorphast Strips pH 0 -14*, use *Item# SP95906PK*; each pack contain 6 boxes of 100 strips each.

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TRANSFORM COMPLETE™

ANALYTICAL REPORT

Testing performed by Severn Trent Laboratories, Inc. STL Tallahassee

8315A Carbonyl Compounds by HPLC

10% Formalin

| | | | |
|----------------|------------------|---------------------------|-------------------------------|
| Method: | 8315A | Analysis Batch: 604-14958 | Instrument ID: LCL Waters 486 |
| Preparation: | 8 315 _ W _ Prep | Prep Batch: 640-14783 | Lab File ID 1A12L3.d |
| Dilution: | 50 | | Initial Weight/Volume: 10 uL |
| Date Analyzed: | 1/12/2006 1047 | | Final Weight/Volume: 4 mL |
| Date Prepared: | 1/10/2006 1504 | | Injection Volume: |

| <u>Analyte</u> | <u>Result ug/L (%)</u> | <u>Detectable Limit</u> |
|----------------|------------------------|-------------------------|
| Formaldehyde | 45000000 (4.5%) | 25000000 |

Transform Complete™ Treated 10% Formalin

| | | | |
|----------------|------------------|---------------------------|-------------------------------|
| Method: | 8315A | Analysis Batch: 604-14959 | Instrument ID: LCL Waters 486 |
| Preparation: | 8 315 _ W _ Prep | Prep Batch: 640-14783 | Lab File ID 2A11L22.d |
| Dilution: | 1 | | Initial Weight/Volume: 100 mL |
| Date Analyzed: | 1/11/2006 2114 | | Final Weight/Volume: 4 mL |
| Date Prepared: | 1/10/2006 1504 | | Injection Volume: |

| <u>Analyte</u> | <u>Result ug/L (%)</u> | <u>Detectable Limit</u> |
|----------------|------------------------|-------------------------|
| Formaldehyde | <50 (<0.000005%) | 50 |

8260B Volatile Organic Compounds by GC/MS

Using this method **Transform Complete™** Treated 10% Formalin was tested for 66 different Volatile Organic Compounds.

Results: Only 1 (Bromomethane) registered at 8.5 ug/L (0.00000085%)

pH Testing

pH testing was also performed on various samples of **Transform Complete™** Treated 10% Formalin.

Results: All test results were a **Neutral pH**

Note: Test results are summarized due to the length of the report. The full 17 page report is available upon request from American Master*Tech.

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