**Model Formula Conditions:** Washer/Extractor, Open Pocket with controls for obtaining a requested temp.

**Water Quality:** Soft Water(0 grains hardness); low to moderate alkalinity (0-100ppm @$Na_2O$); No iron

**Wash Conditions:** Cold temp.: 60ºF; Hot Temp: 150-160ºF; Loading: <4 mops/lb of Capacity

Water Levels: Low: 0.5 gal. total water /lb., High Level: 0.65 gal.total water/lb.

## Microfiber Mops - Light to Moderate Soil

| # | OP. | WATER TEMP ºF | WASH TIME | WATER LEVEL | Approx. pH | | Quantity fl oz./cwt | PREFERRED SUPPLIES |
|---|---|---|---|---|---|---|---|---|
| | | | | | Soil Factor: Light to Moderate | | | |
| 1 | Flush | 100 ºF | 2 min | High | 7.0 | | | |
| 2 | Break | 140 ºF | 12 min. | Low | 7.0-9.0 | | 3-6 oz. | Neutral Detergent or CPI eMicroBrite II |
| 3 | Rinse | 130 ºF | 2 min. | High | | | | |
| 4 | Rinse | 115 ºF | 2 min. | High | | | | |
| 5 | Rinse | 100 ºF | 3 min. | High | 7.0 | | | |
| 6 | Extract | | 4 min | | | | | <450 RPM |
| 7 | Turn out | | | | | | | |
| 8 | Dry | <140F | | | | | DO NOT OVERDRY! | |
| | | | | | | | LOW HEAT TUMBLE ONLY! | |
| | | | | | | | | |

**Finished Fabric Condition:** pH- 6.0-7.0

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**SUPPLIES :        PREFERRED**

DETERGENT: Neutral, High Surfactant (CPI MicroClean)

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**Alter the wash formula as follows for noted variables:**

**Washer Type: Split pockets (less contact with washwater): Add time to low level operations**

**Alter wash supply type and quantity as follows for noted variables:**

**Water hardness: Add water conditioner to wash; Increase the amount of detergent.**

**DO NOT USE HIGHLY ALKALINE DETERGENTS; pH not to exceed 10.0**

**DO NOT USE CHLORINE BLEACH OR FABRIC SOFTENERS**

A NOTE ON LAUNDRY MESH BAGS:  The use of mesh/net laundry bags greatly reduces the amount of mechanical action and thus impairs soil removal.  If laundry bags must be used, additional wash time and detergent use may be necessary to achieve adequate soil removal.  Additionally, underloading the washer is recommended.

**750 i-fiber guaranteed processing cycles*** – Pocket mops, hook & loop mops

**300 i-fiber guaranteed processing cycles*** – Cloths, Dusters, Tab mops

*  =When following the proper laundry processing cycle.

**CPI** — CREATIVE PRODUCTS INTERNATIONAL

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## *Microfiber Mop Wash Formula*
### For Washers/ Washer Extractors

**Model Formula Conditions:** Washer/Extractor, Open Pocket with controls for obtaining a requested temp.

**Water Quality:** Soft Water( 0 grains hardness); low to moderate alkalinity (0-100ppm @$Na_2O$); No iron

**Wash Conditions** Cold temp.: 60ºF; Hot Temp: 150-160ºF; Loading: <4 mops/lb of Capacity
Water Levels: Low: 0.5 gal. total water /lb., High Level: 0.65 gal.total water/lb.

### *Microfiber Mops - Heavy/Stain*

**Soil Factor: Heavy**

| # | OP. | WATER TEMP ºF | WASH TIME | WATER LEVEL | Approx. pH | | Quantity fl oz./cwt | PREFERRED SUPPLIES |
|---|-----|---------------|-----------|-------------|------------|---|---------------------|--------------------|
| 1 | Flush | 100 ºF | 2 min | High | 7.0 | | | |
| 2 | Break | 140 ºF | 15 min. | Low | <10.0 | | 4-6 oz. | Det. w/ Oxygen Bleach or CPI eMicroBrite II |
| 3 | Rinse | 130 ºF | 2 min. | High | | | | |
| 4 | Rinse | 115 ºF | 2 min. | High | | | | |
| 5 | Rinse | 100 ºF | 3 min. | High | 7.0 | | | |
| 6 | Extract | | 4 min | | | | | <450 RPM |
| 7 | Turn out | | | | | | | |
| 8 | Dry | <140F | | | | | DO NOT OVERDRY! | |
| | | | | | | | LOW HEAT TUMBLE ONLY! | |
| | | | | | | | | |

**Finished Fabric Condition:** pH- 6.0-7.0

**SUPPLIES :    PREFERRED**

DETERGENT: Det. w/ Oxygen Bleach (CPI MicroBrite)

**Alter the wash formula as follows for noted variables:**
**Washer Type: Split pockets (less contact with washwater): Add time to low level operations**
**Alter wash supply type and quantity as follows for noted variables:**
**Water hardness: Add water conditioner to wash; Increase the amount of detergent.**
**DO NOT USE HIGHLY ALKALINE DETERGENTS; pH not to exceed 10.0**
**DO NOT USE CHLORINE BLEACH OR FABRIC SOFTENERS**
A NOTE ON LAUNDRY MESH BAGS:  The use of mesh/net laundry bags greatly reduces the amount of
mechanical action and thus impairs soil removal.  If laundry bags must be used, additional wash time
and detergent use may be necessary to achieve adequate soil removal.  Additionally, underloading
the washer is recommended.

**750 i-fiber guaranteed processing cycles\*** – Pocket mops, hook & loop mops
**300 i-fiber guaranteed processing cycles\*** – Cloths, Dusters, Tab mops
  \*  =When following the proper laundry processing cycle.

# Microfiber Mop Wash Formula
## For Washers/ Washer Extractors

**Model Formula Conditions:** Washer/Extractor, Open Pocket with controls for obtaining a requested temp.

**Water Quality:** Soft Water( 0 grains hardness); low to moderate alkalinity (0-100ppm @Na$_2$O); No iron

**Wash Conditions:** Cold temp.: 60ºF; Hot Temp: 150-160ºF; Loading: <4 mops/lb of Capacity
Water Levels: Low: 0.5 gal. total water /lb., High Level: 0.65 gal.total water/lb.

### Microfiber Mops - Reclaim

**Soil Factor: Reclaim/stained**

| # | OP. | WATER TEMP ºF | WASH TIME | WATER LEVEL | Approx. pH | | Quantity fl oz./cwt | PREFERRED SUPPLIES |
|---|-----|---------------|-----------|-------------|------------|---|---------------------|--------------------|
| 1 | Flush | 100 ºF | 2 min | High | 7.0 | | | |
| 2 | Break | 140 ºF | 15 min. | Low | 10.0-11.0 | | 3-6 oz.<br><br>2-4 oz | Built Detergent or CPI MicroReclaim Det. w/ Oxygen Bleach or CPI MicroBrite II |
| 3 | Rinse | 130 ºF | 2 min. | High | | | | |
| 4 | Rinse | 115 ºF | 2 min. | High | | | | |
| 5 | Rinse | 100 ºF | 3 min. | High | | | | |
| 6 | Sour | | 4 min | low | 7.0 | | 1oz. | Alkalinity Neutralizer (if pH >7.0) |
| 7 | Extract | | 4 min | | | | | <450 RPM |
| 8 | Turn out | | | | | | | |
| 9 | Dry | <140F | | | | | DO NOT OVERDRY! | |
| | | | | | | | LOW HEAT TUMBLE ONLY! | |
| | | | | | | | | |

**Finished Fabric Condition:** pH- 6.0-7.0

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**SUPPLIES : PREFERRED**

DETERGENT: Built Detergent(CPI MicroReclaim)
OXIDIZER: Det. w/ Oxygen Bleach (CPI MicroBrite)
SOUR: Alkalinity Neutralizer

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**NOTE  This is an aggressive formula!**
**Use as a last resort to reclaim mops! Regular usage can result in mop damage!**
**Alter the wash formula as follows for noted variables:**
**Washer Type: Split pockets (less contact with washwater): Add time to low level operations**
**Alter wash supply type and quantity as follows for noted variables:**
**Water hardness: Add water conditioner to wash; Increase the amount of detergent.**
**DO NOT USE CHLORINE BLEACH OR FABRIC SOFTENERS**
A NOTE ON LAUNDRY MESH BAGS:  The use of mesh/net laundry bags greatly reduces the amount of mechanical action and thus impairs soil removal.  If laundry bags must be used, additional wash time and detergent use may be necessary to achieve adequate soil removal.  Additionally, underloading the washer is recommended.

**750 i-fiber guaranteed processing cycles*** – Pocket mops, hook & loop mops
**300 i-fiber guaranteed processing cycles*** – Cloths, Dusters, Tab mops
   *  =When following the proper laundry processing cycle.