

# CHEMTRONICS®

## Technical Data Sheet

TDS #2289

### Max-Kleen™ Citrus

The citrus-based extra-strength, heavy-duty degreaser

#### PRODUCT DESCRIPTION

Max-Kleen™ Citrus is ideal for removal of all types of soils including oxidized grease, sludge, wax, tar and oil. The moderate evaporation rate increases the cleaning power for hard-to-remove soils. The low surface tension provides for superior wetting to clean in even the tightest spots.


- Citrus-based formula with moderate evaporation rate
- Quickly removes all types of tough soils including oxidized oil and grease
- Safe for use on most metals and plastics
- Does not contain chlorinated solvents
- Flashpoint greater than 100° F
- Non-corrosive and nonconductive
- Low Toxicity
- Leaves no residue

#### TYPICAL APPLICATIONS

Max-Kleen™ Citrus can be used for all repair, maintenance, and manufacturing applications including:

- Removes grease, oil and lubricants
- Ideal for metal parts cleaning and tools
- All repair and maintenance cleaning
- Cleans contacts, relays, switches, circuit breakers and test probes
- Cleans electric motors and gasoline engines
- Removes tough soils from gears and pulleys
- Use for maintenance of air compressors
- Cleans inks and residues from printing presses
- Effective adhesive residue remover

#### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

<b>Boiling Point</b>	300° F (Initial)
<b>Evaporation Rate (butyl acetate=1)</b>	<1
<b>Flash Point (TCC)</b>	105° F
<b>Specific Gravity</b>	0.78
<b>Vapor Pressure @68°F</b>	2.0 mmHg
<b>Appearance</b>	Clear, colorless liquid
<b>Odor</b>	Mild Citrus
<b>Solubility in Water</b>	Negligible
<b>Dielectric Breakdown (ASTM D-877)</b>	62 kV
<b>Kauri-Butanol (KB) Number</b>	45
<b>Shelflife</b>	5 years
<b>RoHS/WEEE Status</b>	

#### COMPATIBILITY

Max-Kleen™ Citrus is compatible with most metals and plastics. As with any solvent, compatibility with substrate should be determined on a non-critical area prior to use.

<b><u>Material</u></b>	<b><u>Compatibility</u></b>
ABS	Good
Buna-N	Good
EPDM	Fair
Graphite	Excellent
HDPE	Excellent
PVDF	Excellent
LDPE	Good
Lexan™	Good
Neoprene	Good
Noryl®	Excellent
Nylon™ 66	Excellent
Polycarbonate	Good
Polypropylene	Good
Polystyrene	Fair
PVC	Fair
Silicone Rubber	Fair
Teflon™	Excellent
Viton™	Excellent

## AVAILABILITY

ES2289	15 oz aerosol
ES189	1 Gallon
ES5589	53 Gallon

## TECHNICAL & APPLICATION ASSISTANCE

ITW Chemtronics® provides a technical hotline to answer your technical and application related questions. The toll free number is:  
**1-800-TECH-401.**

## NOTE:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. ITW CHEMTRONICS® does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

Chemtronics® is a registered trademark of ITW Chemtronics. All rights reserved. Max-Kleen™ and Controlwipes™ are trademarks of ITW Chemtronics. All rights reserved. All other trademarks herein are trademarks or registered trademarks of their respective owners.

**MANUFACTURED BY:**  
**ITW CHEMTRONICS®**  
**8125 COBB CENTER DRIVE**  
**KENNESAW, GA 30152**  
**1-770-424-4888**      REV C (06/06)

## DISTRIBUTED BY:

## USAGE INSTRUCTIONS

**Read MSDS carefully prior to use.**

Spray 4-6 inches from surface to clean. Wash parts from top to bottom, allowing the liquid to flush away dirt and dissolved grease. For precise application use attached extension tube.

For wipe applications, wet a Controlwipes™ Wipe with Max-Kleen™ Citrus and wipe away soils.

## SAFETY & ENVIRONMENTAL DATA

SAFETY & ENVIRONMENTAL DATA			
CFC	0.0%	VOC	100%
HCFC-225	0.0%	HFC	0.0%
HCFC-141b	0.0%	nPB	0.0%