

# 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

#### 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.

**Material****Compatibility**

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

**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.

Dip applications - Allow the soiled article to soak in Max-Kleen™ Citrus for 5 - 10 minutes, then remove and loosen any remaining soils with a Controlwipes™ Wipe.

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

**SAFETY & ENVIRONMENTAL DATA**

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CFC	0.0%	VOC	100%
HCFC-225	0.0%	HFC	0.0%
HCFC-141b	0.0%	nPB	0.0%

**AVAILABILITY**

ES2289	15 oz aerosol
ES189	1 gal. Liquid
ES5589	55 gal. drum

**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.

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REV A (02/06)

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