



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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. Max-Kleen™ Citrus is registered with the NSF as a C1 cleaner for use in food processing facilities.

- 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

Boiling Point	300° F Initial
Evaporation Rate (butyl acetate=1)	<1
Flash Point (TCC)	105° F
Specific Gravity	0.78
Vapor Pressure @68°F	2.0 mmHg
Appearance	Clear, colorless liquid
Odor	Mild Citrus
Solubility in Water	Negligible
Dielectric Breakdown (ASTM D-877)	62 kV
Kauri-Butanol (KB) Number	45
Shelf life	5 years
NSF-Registered C1	#139462 (aerosol) #139463 (bulk)

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

AVAILABILITY

ES2289	15 oz aerosol
ES189	1 gallon liquid
ES589	5 gallon liquid
ES5589	55 gallon liquid

TECHNICAL & APPLICATION ASSISTANCE

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. 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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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.

When used to clean food equipment that will be returned to a food processing area, wash Max-Kleen™ Citrus off the equipment and then rinse well with potable water.

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%