

## Max-Kleen™ Citrus Heavy-Duty Degreaser

Product# ES2289, ES189, ES589, ES5589

### Product Description

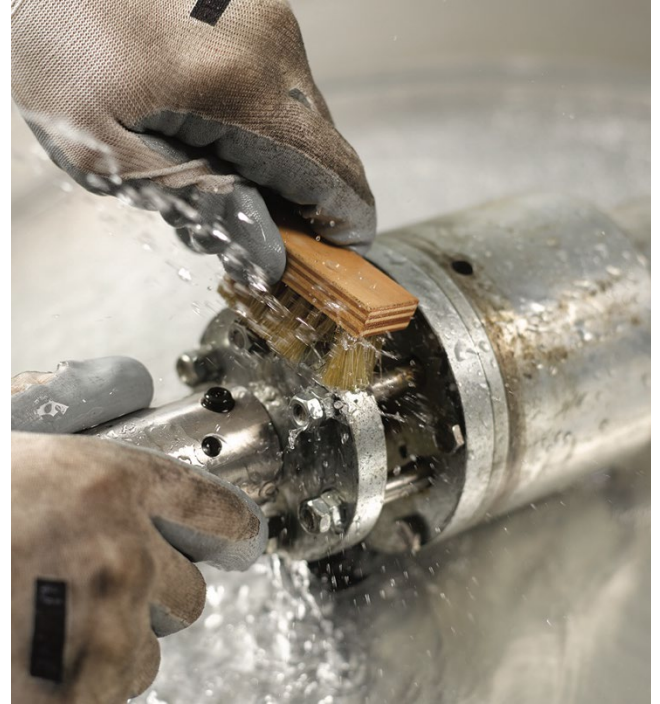
Max-Kleen Citrus is ideal for removal of all types of soils including oxidized grease, sludge, wax, tar and oil. The moderate evaporation rate increases the cleaning power for hard-to-remove soils. The low surface tension provides for superior wetting to clean in even the tightest spots. Max-Kleen Citrus 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 / 28°C
- Non-corrosive and nonconductive
- Low Toxicity
- Leaves no residue

### Typical Applications

Max-Kleen Citrus Degreaser 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>Solubility in Water:</b>                    | Negligible                        |
| <b>Boiling Point:</b>                          | 300°F / 149°C Initial             |
| <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>Evaporation Rate:</b><br>(butyl acetate =1) | <1                                |
| <b>Dielectric Breakdown:</b><br>(ASTM D-877)   | 62 kV                             |
| <b>Kauri-Butanol<br/>(KB) Number</b>           | 45                                |
| <b>Shelflife</b>                               | 5 years                           |
| <b>NSF Registered</b>                          | Aerosol: #139462<br>Bulk: #139463 |
| <b>RoHS Compliant</b>                          | Yes                               |

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### 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

**For industrial use only. Read SDS 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.

### Availability

|               |                        |
|---------------|------------------------|
| <b>ES2289</b> | 15 oz. / 425 g Aerosol |
| <b>ES189</b>  | 1 gal. / 3.7 L Liquid  |
| <b>ES589</b>  | 5 gal. / 19 L Liquid   |
| <b>ES5589</b> | 53 gal. / 200 L Liquid |

### Environmental Impact Data

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

### Technical and 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.