

CHEMTRONICS

Technical Data Sheet

TDS # 2293

Max-Kleen™ Degreaser

PRODUCT DESCRIPTION

The Max-Kleen™ Degreaser is a high flash point degreaser that cleans oil, grease and contaminants off of solenoids, coil windings, metal parts, printed circuit boards, barcode instruments, switch boxes, gear boxes, and motors. Grease and oil flow right off, reducing the time and materials needed to scrub off stubborn soils. Excellent wetting action lifts and removes soils from the tightest tolerance areas. Max-Kleen Degreaser is also ideal for removing carbonization, oxidized oils and greases from contacts.


- Removes encrusted dirt, silicone grease and other contaminants
- Leaves no residues
- No odor
- Excellent dielectric strength
- Contains no CFCs or HCFCs
- Plastic safe, non-corrosive
- Contains no chlorinated or brominated solvents
- High flash point

TYPICAL APPLICATIONS

Max-Kleen™ Degreaser is engineered to clean:

- Part maintenance / transit parts
- Plant Maintenance
- Contacts and relays
- Equipment and tools

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

Boiling Point	424° F Initial
Flash Point (TCC)	147° F
Evaporation Rate (butyl acetate=1)	<1
Specific Gravity	0.79
Non-Volatile Residue	< 200 ppm
Kauri-Butanol (KB) Number	31
Solubility in Water	Negligible
Dielectric Breakdown (ASTM D-877)	>40 kV
VOC* Content:	<u>Aerosol</u>
CARB	97%
SCAQMD	756 g/L
Federal	97%
RoHS Compliant	
Shelflife	5 years

*Volatile Organic Compound (VOC) information is calculated on a weight basis using the VOC definition of California Air Resources Board (CARB) Consumer Product Regulations, South Coast Air Quality Management District (SCAQMD) Rule 102 and the Federal definition published in 40 CFR 51.100(s).

Not for sale or use due to VOC regulations in California, Ohio, Utah, Connecticut, DC, Delaware, Illinois, Indiana, Massachusetts, Maryland, Maine, Michigan, Minnesota, New Jersey, New Hampshire, New York, Pennsylvania, Rhode Island, Virginia, Vermont, and Wisconsin. Contains 98% VOC's by weight per EPA.

COMPATIBILITY

Max-Kleen™ Degreaser is generally compatible with most materials. As with any cleaning agent, solvent/component compatibility must be determined on a non-critical area prior to use.

<u>Material</u>	<u>Compatibility</u>
ABS	Excellent
Buna-N	Excellent
EPDM	Good
Graphite	Excellent
HDPE	Excellent
Kynar™	Excellent
LDPE	Excellent
Lexan™	Excellent
Neoprene	Excellent
Noryl®	Excellent
Nylon 66™	Excellent
Cross-Linked PE	Excellent
Polypropylene	Excellent
Polystyrene	Excellent
PVC	Excellent
Silicone Rubber	Good
Teflon™	Excellent
Viton™	Excellent

AVAILABILITY

ES2293 16 oz. Aerosol

ENVIRONMENTAL IMPACT DATA			
HCFC-141b	None	HFC	None
HCFC-225	None	nPB	None

Hydrochlorofluorocarbons (HCFCs) are regulated under the Montreal Protocol as Class II ozone depleting substances. HCFC-141b is no longer produced in the US under this legislation. HCFC-225 is planned for production phase-out in 2015. Hydrofluorocarbons (HFCs) are not currently regulated.

EPA has listed n-propyl bromide (nPB) as an acceptable alternative to ozone depleting substances in metal, precision, and electronics cleaning under Section 612 of the Clean Air Act.

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.

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

CHEMTRONICS
8125 COBB CENTER DRIVE
KENNESAW, GA 30152
1-770-424-4888 REV. A (09/16)

<u>DISTRIBUTED BY:</u>

USAGE INSTRUCTIONS

For commercial use only.
 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 controlled application, spray into a Controlwipes™ and wipe surface clean.

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.**