



WD-40 SPECIALIST[®] MACHINE & ENGINE DEGREASER

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

WD-40 Specialist Machine & Engine Degreaser Foaming Spray makes equipment run smoother, last longer and look like new. This aerosol is a low-residue water-based formula with foaming action that penetrates deep into crevices for completely clean results. Equipped with a nozzle capable of powerful long-distance sprays up to 5 feet and includes a precision-stream straw for controlled application. Quickly remove grease, oil, dirt, grime, tar, adhesives, and more without engine disassembly. Safe for use on most metal when used as directed.

PACKAGING



APPLICATIONS

- Automotive & Truck Engines
- Tractors
- Forklifts
- Gears & Chains
- Industrial Machinery
- Farm Equipment
- Power Equipment
- Other Metal Tools

FEATURES & BENEFITS

- Deep Penetrating Foam Action
- Quickly removes grease, oil, dirt & grime
- A water-based degreaser with performance superior to solvent-based cleaners
- Sprays up to 5 feet away
- 50-state VOC Compliant
- Low Residue
- NSF C1 Reg# 146737

PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT (INITIAL):	212°F (100°C)(concentrate)	SPECIFIC GRAVITY:	1.0 kg/L (concentrate) 0.955 kg/L (with propellant)
SOLUBILITY IN WATER:	Complete	pH:	10.5–11.5
VAPOR PRESSURE:	Not Determined	VAPOR DENSITY:	Not Determined
PERCENT VOLATILE:	>95%	VOC:	6.5% (33.4 g/L)
COEFFICIENT OF WATER/OIL DISTRIBUTION:	Not Determined	APPEARANCE/ODOR:	Clear colorless liquid with a citrus odor.
FLASHPOINT:	<0°F (propellant) 59°F (15°C)(concentrate w/propellant ASTM D3828/US 16CFR 1500.45) >212°F (100°C)(concentrate only)	FLAMMABLE LIMITS:	LEL: 1.8% UEL: 9.5% (propellant)

PERFORMANCE RESULTS

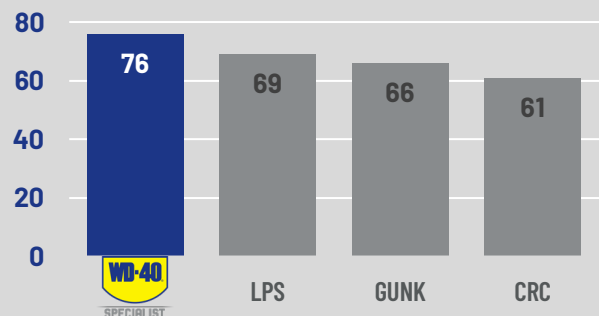
EXTREME CLEANING SCORE

ASTM 4488—This test evaluates the cleaning ability of a fluid by using a mechanical device, the Gardner Scrubability Apparatus, that pulls a sponge across a tile that has been soiled with a choice of substances. The soil tested is A3—Industrial Soil (a vinyl composite). WD-40 Specialist Machine & Engine Degreaser is able to remove more soil than leading competitors!

Independent Test Lab: Sterling Labs(Sylvania, OH)

1. WD-40 Specialist Machine & Engine Degreaser
2. LPS Presolve
3. GUNK Engine Bright - Original
4. CRC Citrus Degreaser

PERCENTAGE OF SOIL REMOVAL (Higher is better)





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DIRECTIONS

SHAKE CAN WELL. POINT NOZZLE TOWARD MARK. Spray liberally on area to be degreased. Allow to penetrate for several minutes and then wipe or hose off with water. Repeat as necessary. **Do not spray on hot or running engines. Do not contact battery terminals or starter solenoid with can.**

PACKAGING SPECIFICATIONS

ORDER#	CASE# / GTIN#	ITEM# / UPC#	DESCRIPTION	INDIVIDUAL UNIT					CASE PACK					PALLET						
				APPROX WT (OZ)	DIMENSIONS (IN)			CUBE	CASE PACK	APPROX WT (LBS)	DIMENSIONS (IN)			CUBE	APPROX WT (LBS)	CASES/LAYER	LAYERS	TOTAL QTY	APPROX HT (IN)	CUBE
300070	2 00 79567 30007 0	0 79567 30007 6	18oz Machine & Engine Degreaser	22.926	2.625	2.625	9.75	0.039	4	6.13	5.63	5.63	10.38	0.19	1759	56	5	280	57.1	63.47

STORAGE

Store in a cool, well-ventilated area, away from incompatible materials and heat, sparks or open flame. Do not store in direct sunlight or above 120°F. U.F.C (NFPA 30B) Level 1 Aerosol.

DISPOSAL

Aerosol containers should not be punctured, compacted in home trash compactors or incinerated. Empty containers may be disposed of through normal waste management options. Dispose of all waste product, absorbents, and other materials in accordance with applicable Federal, state and local regulations.

SPECIAL USE WARNINGS

Keep spray away from heat, sparks, and open flames. Unplug electrical tools, motors and appliances before spraying or bringing the can near any source of electricity. **ELECTRICITY MAY BURN HOLE IN CAN AND CAUSE CONTENTS TO BURST INTO FLAMES:** To avoid serious burn injury, do not let **THE CAN** touch battery terminals, electrical connections on motors or appliances or any other source of electricity. Avoid contact with eyes, skin and clothing. **BREATHING HAZARD:** Use only in a well-ventilated area. Avoid breathing vapor or spray mist. **DELIBERATE OR DIRECT INHALATION OF LIQUID VAPOR OR SPRAY MIST MAY BE HARMFUL OR FATAL.** **CONTENTS UNDER PRESSURE:** Do not store above 120°F. Do not place can on hot surfaces or in direct sunlight; heat may cause can to burst violently. Do not puncture, crush, or incinerate (burn) can, even when empty. **FIRST AID: Ingestion:** If swallowed, do not induce vomiting. Call physician immediately. **Eye Contact:** Immediately flush eyes with large amounts of water for 15 minutes. **Skin Contact:** Wash with soap and water. **Inhalation (breathing):** Move to fresh air. Give artificial respiration or oxygen, if necessary. **Contains:** 2-(2-Butoxyethoxy)ethanol (112-34-5), Liquefied Petroleum Gas (68476-86-8), Isopropanol (67-63-0), Surfactants. Contains less than 0.5% Phosphorus.

REGULATORY INFORMATION

U.S. Federal Regulations: CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III: Hazard Category For Section 311/312: Acute Health, Chronic Health, Fire Hazard, Sud-den Release of Pressure; Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: 2-(2-Butoxyethoxy)ethanol 5-10% (glycol ether compound); Section 302 Extremely Hazardous Substances (TPQ): None **EPA Toxic Substances Control Act (TSCA) Status:** All of the components of this product are listed on the TSCA inventory; **Canadian Environmental Protection Act:** All of the ingredients are listed on the Canadian Domestic Substances List or exempt from notification; **Canadian WHMIS Classification:** Class A (Compressed Gas), Class B-2 (Flammable Liquid), Class D-2-B (A toxic material causing other harmful effects)

