



WD-40® MULTI-USE PRODUCT

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

WD-40® Multi-Use Product lubricates moving parts such as hinges, wheels, rollers, chains, and gears. It protects against rust and corrosion on items like tools, and sporting equipment. It penetrates to free stuck corroded parts like nuts, bolts, valves and locks. It quickly removes adhesives, corrosion and paint. It displaces moisture to restore water flooded equipment such as engines, spark plugs and power tools.

PRODUCTS



PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT (INITIAL):	183°C (360°F)	COLOR :	Light amber cloudy liquid
SOLUBILITY IN WATER:	Insoluble	ODOR:	Characteristic
FREEZE POINT/ POUR POINT:	<-63°C (-81°F) (ASTM D-97)	VAPOR DENSITY:	>1
KINEMATIC VISCOSITY @ 38° C (100° F)	2.8 cSt	VOC:	24.5% by weight
FLASHPOINT:	59°C (138°F) (TCC)	APPEARANCE:	Aerosol – Aerosolized Liquid Bulk - Liquid
VAPOR PRESSURE:	Aerosol – 95-115 psi @ 21° C (70° F) Bulk – 1 psi @ 38° C (100° F) (ASTM D323)	FLAMMABLE LIMITS:	LEL: 0.6% UEL: 8.0%
OPERATING TEMPERATURE:	-50°C to 150°C (-60° F to 300° F)	SPECIFIC GRAVITY @ 25° C (77° F)	0.81
DIELECTRIC STRENGTH:	38,000 volts per 0.10 inch	PERCENT VOLATILE:	70-75% by weight
WET FILM THICKNESS:	50 um (0.002 inch)	Kb VALUE:	25
SURFACE COMPATIBILITY:	For all variations: WD-40 Multi-Use Product demonstrates none to negligible deleterious effect to plastic, rubber and metal hard surfaces. This includes Acetal, neoprene/hard rubber, HDPE, PPS Copolymer Polysulfone. Teflon, Viton, steel, galvanized steel hot dip, electroplated, copper, brass, magnesium, nickel, tin plate, titanium and zinc.		
SURFACE CAUTIONS:	Nearly all surfaces interact with WD-40 Multi-Use Product as they would any high grade aliphatic petroleum spirit. Certain types of rubber will swell upon prolonged immersion. Wax polishes and certain wax coatings may be softened by WD-40 Multi-Use Product. Clear polycarbonate and polystyrene may stress craze or crack. Always test surfaces first.		
COVERAGE:	600-1000 ft ² per gal		

PERFORMANCE RESULTS

TEST METHOD	PROPERTY	RESULTS
ASTM D4172	Lubricates and Protects	0.70 mm @ 77° F
ASTM D3233	Extreme Pressure Lubrication	1200 lbs.
ASTM B-117	Corrosion Protection (Salt Spray)	0 – 20% in 72 hours



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PACKAGING SPECIFICATIONS

ORDER #	CASE# / GTIN#	ITEM# / UPC#	DESCRIPTION	INDIVIDUAL UNIT					CASE PACK					PALLET					
				APPROX WT (OZ)	DIMENSIONS (IN)			CUB E	CASE PAC K	APPROX WT (LBS)	DIMENSIONS (IN)			CUB E	APPROX WT (LBS)	CASES / LAYER	LAYERS	TOTAL QTY	APPROX HT (IN)
WIDT H	DEPTH	HEIGHT	WIDT H	DEPTH	HEIGHT														
490358	3 00 79567 49035 8	0 79567 49035 7	WD-40- 2.75oz 12pk	4.800	1.750	1.750	5.312	0.00 9	12	3.90	5.688	7.625	6.000	0.15	666	20	8	160	53.250
490002	1 00 79567 49000 2	0 79567 49000 5	WD-40- 3oz O/S 12pk	5.000	1.750	1.750	4.875	0.00 9	12	3.77	5.625	7.500	5.500	0.13	1663	43	10	430	60.250
490009	2 00 79567 49000 9	0 79567 49000 5	WD-40- 3oz Clipstrip 24pk	5.000	1.750	1.750	4.875	0.00 9	24	7.94	5.313	21.06 0	5.125	0.33	1233	10	15	150	82.125
490027	4 00 79567 49002 7	0 79567 49002 9	WD-40- 8oz Smart Straw® 6pk	11.400	2.625	2.625	6.750	0.02 7	6	4.78	5.750	8.375	7.375	0.21	1280	37	7	259	56.875
490026	4 00 79567 49002 6	0 79567 49002 9	WD-40- 8oz Smart Straw® 12pk	11.400	2.625	2.625	6.750	0.02 7	12	9.60	8.250	10.68 7	7.250	0.37	1319	19	7	133	56.000
490020	3 00 79567 49002 0	0 79567 49002 9	WD-40- 8oz Smart Straw® P/P Disp 48ct	11.400	2.625	2.625	6.750	0.02 7	48	38.30	17.31 3	23.25 0	8.313	1.94	808	4	5	20	46.813
490024	5 00 79567 49002 4	0 79567 49002 9	WD-40- 8oz 96ct H/S	11.400	2.625	2.625	6.750	0.02 7	96	76.62	13.00 0	17.62 5	36.12 5	4.79	578	7	1	7	41.375
490040	1 00 79567 49004 0	0 79567 49004 3	WD-40- 11oz Smart Straw® 12pk	15.600	2.625	2.625	8.125	0.03 2	12	12.30	8.250	10.68 7	8.630	0.44	1444	19	6	114	57.030
490047	2 00 79567 49004 7	0 79567 49004 3	WD-40- 11oz Smart Straw® P/P Disp 48ct	15.600	2.625	2.625	8.125	0.03 2	48	51.19	17.31 3	23.25 0	9.750	2.27	1066	4	5	20	54.000
490057	1 00 79567 49005 0	0 79567 49005 0	WD-40- 12oz Smart Straw® 12pk	16.600	2.625	2.625	8.625	0.03 4	12	13.00	8.250	10.68 8	9.180	0.47	1524	19	6	114	60.330
490054	2 00 79567 49005 4	0 79567 49005 0	WD-40- 12oz SS 96ct Case Stacker	16.600	2.625	2.625	8.625	0.03 4	96	107.04	13.00 0	17.62 5	36.12 5	4.79	791	7	1	7	41.375
490051	2 00 79567 49005 1	0 79567 49005 0	WD-40- 12oz Smart Straw® P/P Disp 48ct	16.600	2.625	2.625	8.625	0.03 4	48	54.31	17.31 3	23.25 0	10.25 0	0.00	1128	4	5	20	56.500
490194	1 00 79567 49019 4	0 79567 49019 7	WD-40- 14.4oz EZ-REACH® 6ct O/S	19.840	2.625	2.625	9.750	0.03 9	6	7.87	5.750	8.375	10.37 0	0.29	1498	37	5	185	57.100
490195	4 00 79567 49019 5	0 79567 49019 7	WD-40- 14.4oz EZ-REACH® 96ct H/S	19.840	2.625	2.625	9.750	0.03 9	96	135.29	20.00 0	24.00 0	35.68 8	9.91	583	4	1	4	40.938
490199	6 00 79567 49019 9	0 79567 49019 7	WD-40- 14.4oz EZ-REACH® 48ct DS	19.840	2.625	2.625	9.750	0.03 9	48	67.88	13.25 0	17.62 5	40.56 3	5.48	517	7	1	7	45.813
490095	1 00 79567 49009 5	0 79567 49009 8	WD-40- 18oz Big Blast® 12pk O/S	22.900	2.750	2.750	10.12 5	0.04 4	12	17.80	8.750	11.50 0	10.75 0	0.63	1181	16	4	64	48.250
490092	2 00 79567 49009 2	0 79567 49009 8	WD-40- 18oz Big Blast® 6pk O/S	22.900	2.750	2.750	10.12 5	0.04 4	6	9.05	5.870	8.750	10.87 5	0.32	1272	34	4	136	48.750
490108	2 00 79567 49010 8	0 79567 49010 4	WD-40- 20oz Trigger Pro® 6pk	22.400	3.750	2.870	11.25 0	0.07 0	6	10.13	7.813	10.56 3	12.25 0	0.59	933	22	4	88	54.250
490101	1 00 79567 49010 1	0 79567 49010 4	WD-40- 20oz Trigger Pro® 12pk	22.400	3.750	2.870	11.25 0	0.07 0	12	19.25	14.56 3	15.18 8	12.62 5	1.62	389	6	3	18	43.125
490118	1 00 79567 49011 8	0 79567 49011 1	WD-40- 1 Gallon Liquid O/S CA 4pk	7.9 lbs.	6.625	4.250	10.25 0	0.16 7	4	32.60	8.812 5	13.81 25	11.00 0	0.77	1998	15	4	60	49.500
49012	1 00 79567 49012 5	0 79567 49012 8	WD-40- 5 Gallon Liquid	40 lbs.	11.33 3	11.33 3	13.66 7	1.02 0	1	40.00	11.33 3	11.33 3	13.66 7	1.02	1722	14	3	42	46.251
49013	1 00 79567 49013 5	0 79567 49013 5	WD-40- 55 Gallon Liquid	420 lbs.	22.75 0	22.75 0	35.00 0	10.48 0	1	420.00	22.75 0	22.75 0	35.00 0	10.4 8	1722	4	1	4	40.250



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SPECIAL USE WARNINGS

WD-40 Multi-Use Product Aerosol: DANGER! Flammable aerosol. Contents under pressure. Harmful or fatal if swallowed. If swallowed, may be aspirated and cause lung damage. May cause eye irritation. Avoid eye contact. Use with adequate ventilation. Keep away from heat, sparks and all other sources of ignition.

WD-40 Multi-Use Bulk Liquid: DANGER! Combustible liquid. Harmful or fatal if swallowed. If swallowed, may be aspirated and cause lung damage. May cause eye irritation. Avoid eye contact. Use with adequate ventilation. Keep away from heat, sparks and all other sources of ignition

SYMPTOMS OF OVEREXPOSURE:

Inhalation (Breathing): High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. Intentional abuse may be harmful or fatal.

Skin Contact: Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis.

Eye Contact: Contact may be irritating to eyes. May cause redness and tearing.

Ingestion (Swallowed): This product has low oral toxicity. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. This product is an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis, severe lung damage and death.

Chronic Effects: None expected.

Suspected Cancer Agent: No

REGULATORY INFORMATION

U.S. Federal Regulations: CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and 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: Refer to Section 2 of the SDS for the OSHA Hazard Classification; **Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None; 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; **California Safe Drinking Water and Toxic Enforcement Act (Prop 65):** This product does not contain chemicals regulated under California Proposition 65; **VOC Regulations:** This product complies with the consumer product VOC limits of CARB, LADCO, the US EPA and states adopting the OTC VOC rules.