



Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	WD-40 AEROSOL
National Stock Number	9150011087081
CAGE Code	09137
Part Number Indicator	B
MSDS Number	135382
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	WD-40 COMPANY
P.O. Box	80607
Street	1061 CUDAHY PLACE (92110)
City	SAN DIEGO
State	CA
Country	US
Zip Code	92138-9021
Emergency Phone	800-424-9300
Information Phone	619-275-1400

MSDS Preparer's Information

MSDS Preparer Name	R. MILES, TECH. DIRECTOR
Date MSDS Prepared/Revised	00AUG92

Date of Technical Review	29OCT92
Active Indicator	N
Item Manager	KX

Alternate Vendors

Vendor #5 CAGE	BPFJL
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SECTION III - Physical/Chemical Characteristics

Hazard Storage Compatibility Code	J1
NRC License Number	N/A
Net Propellant Weight (Ammo)	N/A
Appearance/Odor	LIGHT AMBER, CHARACTERISTIC ODOR
Boiling Point	N/R
Melting Point	N/R
Vapor Pressure	55 @70F
Vapor Density	>1 (AIR=1)
Specific Gravity	0.710
Decomposition Temperature	N/R
Evaporation Rate	N/R
Solubility in Water	INSOLUBLE
Percent Volatiles by Volume	80
Container Type	F
Container Pressure Code	2
Temperature Code	8
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method	UNK
Lower Explosion Limit	1.8
Upper Explosion Limit	9.5
Extinguishing Media	USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL
Special Fire Fighting Procedures	NONE STATED BY THE MANUFACTURER
Unusual Fire/Explosion Hazards	EXTREMELY FLAMMABLE-U.F.C. LEVEL 3 AEROSOL

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	NONE STATED BY THE MANUFACTURER
Materials to Avoid	STRONG OXIDIZING AGENTS
Hazardous Decomposition Products	CARBON MONOXIDE AND/OR CARBON DIOXIDE
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	N/R
LD50 - LD50 Mixture	NONE GIVEN BY THE MANUFACTURER

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	INHALATION: MAY CAUSE ANESTHESIA, HEADACHE, DIZZINESS, NAUSEA AND UPPER RESPIRATORY IRRITATION. SKIN CONTACT: MAY CAUSE DRYING OF SKIN AND/OR IRRITATION. EYE CONTACT: MAY CAUSE IRRITATION, TEARING AND REDNESS. INGESTION: MAY CAUSE IRRITATION, NAUSEA, VOMITING AND DIARRHEA
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	THE COMPONENTS IN THIS MIXTURE HAVE BEEN FOUND TO BE NONCARCINOGENIC BY NTP, IARC AND OSHA
Symptoms of Overexposure	EYES: IRRITATION, TEARING, REDNESS. SKIN: IRRITATION, DRYING. INHALATION: ANESTHESIA, HEADACHE, DIZZINESS, NAUSEA AND UPPER RESPIRATORY IRRITATION. INGESTION: IRRITATION, NAUSEA, VOMITING, DIARRHEA. ASPIRATION HAZARD: IF SWALLOWED, CAN ENTER LUNGS AND MAY CAUSE CHEMICAL PNEUMONITIS
Medical Cond. Aggravated by Exposure	INDIVIDUALS WITH SKIN SENSITIVITY OR RESPIRATORY CONDITIONS MAY BE MORE ADVERSELY AFFECTED
Emergency/First Aid Procedures	EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	SPILL UNLIKELY FROM AEROSOL CANS. LEAKING CANS SHOULD BE PLACED IN PLASTIC BAG OR OPEN PAIL UNTIL PRESSURE HAS DISSIPATED
Waste Disposal Method	CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER. EMPTY AEROSOL CANS SHOULD NOT BE PUNCTURED OR INCINERATED; BURY IN LAND FILL. LIQUID SHOULD BE INCINERATED OR BURIED IN LAND FILL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS
Handling and Storage Precautions	AWAY FROM SOURCES OF IGNITION. AVOID EXCESSIVE INHALATION OF SPRAY PARTICLES. DO NOT TAKE INTERNALLY. EXPOSURE TO HEAT MAY CAUSE BURSTING. DO
Other Precautions	DO NOT PUNCTURE, INCINERATE OR STORE CONTAINER ABOVE 120F

SECTION VIII - Control Measures

Respiratory Protection	NONE NORMALLY REQUIRED. USE NIOSH/MSHA-APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF TLV IS EXCEEDED
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Ventilation	SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST TO KEEP VAPOR CONCENTRATION BELOW TLV
Protective Gloves	RUBBER, NEOPRENE
Eye Protection	SAFETY GLASSES
Other Protective Equipment	NONE REQUIRED
Work Hygienic Practices	WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE
Supplemental Health/Safety Data	REGULATORY INFORMATION: ALL INGREDIENTS FOR THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. SARA TITLE 3 CHEMICALS: NONE. CALIFORNIA PROP 65 CHEMICALS: NONE. CERCLA REPORTABLE QUANTITY: NONE. RCRA HAZARDOUS WASTE NO: NA
Disposal Code	0

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	UNKNOWN
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN

SECTION X - Transportation Data

Container Quantity	12.5
Unit of Measure	OZN

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	4.7397
Volatile Organic Compounds (G/L)	568.0001

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	STODDARD SOLVENT
CAS Number	8052413
NIOSH Number	WJ8925000
Proprietary	NO
Percent	50
OSHA PEL	500 PPM
ACGIH TLV	100 PPM; 9293
Recommended Limit	NONE RECOMMENDED
Ingredient #	02
Ingredient Name	A-70 HYDROCARBON PROPELLANT (ISOBUTANE & PROPANE)

CAS Number	68476857
NIOSH Number	1004459PR
Proprietary	NO
Percent	25.0
OSHA PEL	100 PPM
ACGIH TLV	100 PPM
Recommended Limit	NONE SPECIFIED BY M
Ingredient #	03
Ingredient Name	MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC
CAS Number	64742650
NIOSH Number	PY8038500
Proprietary	NO
Percent	15
OSHA PEL	NOT ESTABLISHED
ACGIH TLV	5 MG/M3 (OIL MIST)
Recommended Limit	NONE RECOMMENDED
Ingredient #	04
Ingredient Name	NON HAZARDOUS INGREDIENT
CAS Number	1001
NIOSH Number	1000314NH
Proprietary	NO
Percent	10
OSHA PEL	NOT ESTABLISHED
ACGIH TLV	NOT ESTABLISHED
Recommended Limit	NONE RECOMMENDED
