



# MATERIAL SAFETY DATA SHEET



## I. PRODUCT IDENTIFICATION

Manufacturer:	WD-40 Company	Telephone:	
Address:	1681 Cudahy Place (92110) P.O. Box 80607 San Diego, California 92138-0607	Emergency only:	1-888-324-7596 (PROZAR)
		Information:	(619) 275-1400
		Trade Name:	<b>3-IN-ONE Professional Garage Door Lube</b>

## II. HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	%	Exposure Limit ACGIH/OSHA
Distillates (Petroleum)	64742-47-8	35-40	300 PPM (TLV)
Polydimethylsiloxane	63148-62-9	2-4	NDA
Aliphatic Petroleum Distillates	8052-41-3	25-30	100 PPM (PEL)
Hydrocarbon Propellant	68-476-86-8	25-35	600 PPM (TLV)

## III. PHYSICAL DATA

Pour Point	NDA	Evaporation Rate:	NDA
Vapor Density (air=1):	NDA	Vapor Pressure:	40-60 PSI @ 70°F
Solubility in Water:	insoluble	Appearance:	clear
Specific Gravity (H <sub>2</sub> O)	0.75	Odor:	petroleum
Percent Volatile (volume):	98.0%		

## IV. FIRE AND EXPLOSION

Flash Point:	-20°F (TOC)
Flammable Limits:	(Lel) 1.8 (Uel) 9.5
Extinguishing Media:	CO <sub>2</sub> , dry chemical, foam.
Special Fire Fighting Procedures:	EXTREMELY FLAMMABLE. UFC level 3 aerosol.
Unusual Fire and Explosion Hazards:	Keep away from ignition source and open flame. Contents under pressure.

## V. HEALTH HAZARD / ROUTE(S) OF ENTRY

<b>Threshold Limit Value:</b>	Distillates (Petroleum) lowest TLV (ACGIH 100 ppm)
<b>Symptoms of Overexposure:</b>	
<b>Inhalation (Breathing):</b>	May cause anesthesia, headache, dizziness, nausea and upper respiratory irritation.
<b>Skin contact:</b>	May cause drying of skin and/or irritation.
<b>Eye contact:</b>	May cause irritation, tearing and redness.
<b>Ingestion (Swallowed):</b>	May caused irritation, nausea, vomiting and diarrhea.
<b>First Aid Emergency Procedures:</b>	
<b>Ingestion (Swallowed):</b>	Do not induce vomiting, seek medical attention.
<b>Eye Contact:</b>	Immediately flush eyes with large amounts of water for 15 minutes.
<b>Skin Contact:</b>	Wash with soap and water.
<b>Inhalation (Breathing):</b>	Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen. Pre-existing medical conditions such as eye, skin and respiratory disorders may be aggravated by exposure.
<b>DANGER!</b>	
<b>Aspiration Hazard:</b>	If swallowed, can enter lungs and may cause chemical pneumonitis. Do not induce vomiting. Call physician immediately.
<b>Suspected Cancer Agent</b>	The components in this mixture have been found to be noncarcinogenic by NTP, IARC and OSHA
Yes ___ No <u>X</u>	

## VI. REACTIVITY DATA

Stability:	Stable <u>X</u>	Unstable _____
Conditions to avoid:	Heat and open flame.	
Incompatibility:	Strong oxidizing agents	
Hazardous decomposition products:	Carbon monoxide and/or carbon dioxide	
Hazardous polymerization:	May occur _____	Will not occur <u>X</u>

## VII. SPILL OR LEAK PROCEDURES

<b>Spill Response Procedures</b>
Spill unlikely from aerosol cans. Leaking cans should be placed in plastic bag or open pail until pressure has dissipated.
<b>Waste Disposal Method</b>
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.

## VIII. SPECIAL HANDLING INFORMATION

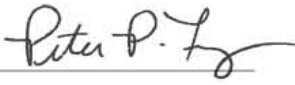
Ventilation:	Sufficient to keep solvent vapor less than TLV.
Respiratory Protection:	Advised when concentrations exceed TLV.
Protective Gloves:	Advised to prevent possible skin irritation.
Eye Protection:	Approved eye protections to safeguard against potential eye contact, irritation or injury.
Other Protective Equipment:	None required.

## IX. SPECIAL PRECAUTIONS

Keep from sources of ignition. Avoid excessive inhalation of spray particles, do not take internally. Do not puncture, incinerate or store container above 120°F. Exposure to heat may cause bursting. Keep can away from electrical current or battery terminals. Electrical arcing can cause burn-through (puncture) which may result in flash fire, causing serious injury. Keep from children.
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## IX. REGULATORY INFORMATION

All ingredients for this product are listed on the TSCA inventory.	
SARA Title III chemicals:	None
California Prop 65 chemicals:	None
CERCLA reportable quantity:	None
RCRA hazardous waste no:	D001

SIGNATURE: Peter Fougner  TITLE: Director - Global Quality Assurance

REVISION DATE: November 20, 2006 SUPERSEDES: NEW

NA: Not applicable    NDA: No data available    < = Less than    > = More than

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