



**3-IN-ONE.**

# MATERIAL SAFETY DATA SHEET

## I. PRODUCT IDENTIFICATION

Manufacturer:	WD-40 Company	Telephone:	
Address:	1061 Cudahy Place (92110) P.O. Box 80607 San Diego, California, USA 92138-0607	Emergency only:	1-888-324-7596 (PROZAR)
		Information:	+1-619-275-1400
		Trade Name:	<b>3-IN-ONE Silicone Spray Lubricant</b>
		Item Number:	85041, 86041

## II. HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	%	Exposure Limit ACGIH/OSHA
Polydimethylsiloxane	63148-62-9	2-4	NDA
Aliphatic Petroleum Distillates	8052-41-3	60-70	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)	0.79	Odor:	petroleum
Percent Volatile (volume):	96.0%		

## IV. FIRE AND EXPLOSION

Flash Point:	-20°F
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 cause 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 <input type="checkbox"/> No <input checked="" type="checkbox"/>	

## 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

### Spill Response Procedures

Spill unlikely from aerosol cans. Leaking cans should be placed in plastic bag or open pail until pressure has dissipated.

### Waste Disposal Method

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.

## X. 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: R. Miles 

TITLE: Technical Director

REVISIONS DATE: October 2002 (New)

SUPERSEDES: \_\_\_\_\_

NA: Not applicable    NDA: No data available

< = Less than

> = More than

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