



Material Safety Data Sheet

1 - Chemical Product and Company Identification

Manufacturer: WD-40 Company Address: 1061 Cudahy Place (92110) P.O. Box 80607 San Diego, California, USA 92138 -0607 Telephone: Emergency only: 1-888-324-7596 (PROSAR) Information: 1-888-324-7596 Chemical Spills: 1-800-424-9300 (Chemtrec) 1-703-527-3887 (International Calls)	Chemical Name: Organic Mixture Trade Name: WD-40 No-Mess Pen Product Use: Mixture used in the manufacture of WD-40 Liquid MSDS Date Of Preparation: 7/28/09
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2 – Hazards Identification

Emergency Overview: DANGER! Harmful or fatal if swallowed. May cause eye irritation. Avoid eye contact. Use with adequate ventilation. WD-40 No-Mess pen contains 7.7 mL of liquid. The liquid contents are only released in a controlled manner when the tip of the pen is pressed. No free liquid is present under normal conditions of use. This product presents only a minimal fire and exposure hazard. Symptoms of Overexposure: Inhalation: : Overexposure is very unlikely due to product form. High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. May aggravate existing respiratory conditions such as asthma. 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 with the liquid contents may be mildly irritating to eyes. May cause redness and tearing. Ingestion: Ingestion of significant amounts is extremely unlikely due to product form. This product has low oral toxicity. Swallowing of the liquid contents may cause irritation, nausea, vomiting and diarrhea. The liquid contents are an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis. Chronic Effects: None expected. Medical Conditions Aggravated by Exposure: None expected. Suspected Cancer Agent: Yes No X
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3 - Composition/Information on Ingredients

Ingredient	CAS #	Weight Percent
Aliphatic Petroleum Distillates	64742-47-8	60-70
Petroleum Base Oil	64742-58-1 64742-53-6 64742-56-9 64742-65-0	20-30
Surfactant	Proprietary	<2
Non-Hazardous Ingredients	Mixture	<10

See Section 8 for Exposure Limits

4 – First Aid Measures

Ingestion (Swallowed): : Ingestion of significant amounts is very unlikely due to product form, however liquid contents are an Aspiration Hazard. DO NOT induce vomiting. Call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596 immediately.

Eye Contact: Flush thoroughly with water. Get medical attention if irritation persists.

Skin Contact: Wash with soap and water. If irritation develops and persists, get medical attention.

Inhalation (Breathing): Inhalation overexposure is very unlikely due to product form. If irritation is experienced, move to fresh air. Get medical attention if irritation or other symptoms develop and persist

5 – Fire Fighting Measures

Extinguishing Media: Use water fog, dry chemical, carbon dioxide or foam.

Special Fire Fighting Procedures: Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards: The liquid contents of the pen are not flammable but will burn under fire conditions. However, the pen contains a small amount of the liquid and the contents are released only when pressure is applied to the tip. The product presents only a minimal fire hazard.

6 – Accidental Release Measures

Large spills of this product are unlikely due to product form. If pen leaks, wipe up any free liquid and place the pen and the waste in an appropriate container for disposal. In manufacturing and storage where large numbers of pens may be damaged, eliminate all sources of ignition, ventilate area and collect the pens into a container for disposal. Collect any released liquid with an inert absorbent and place in a container for disposal.

7 – Handling and Storage

Handling: Keep product away from open flame. Keep away from children. Replace cap on pen when not in use. Avoid contact with eyes. Avoid prolonged contact with skin.

Storage: Store away from excessive heat and flames.

8 – Exposure Controls/Personal Protection

Chemical	Occupational Exposure Limits
Aliphatic Petroleum Distillates	1200 mg/m3 TWA Manufacturer Recommended
Petroleum Base Oil	5 mg/m3 TWA OSHA PEL/ACGIH TLV 10 mg/m3 STEL ACGIH TLV
Non-Hazardous Ingredients	None Established

Engineering Controls: No special ventilation is normally required.

Personal Protection:

Eye Protection: None should be needed for normal use. Avoid eye contact.

Skin Protection: None needed for normal use. Avoid repeated or prolonged contact with skin. Wear impervious gloves if needed to prevent possible skin irritation

Respiratory Protection: None should be needed for normal use.

Work/Hygiene Practices: Wash with soap and water after handling.

Note: For bulk processing, general body-covering clothing, safety goggles and impervious gloves are recommended as good industrial hygiene practice. If needed, a NIOSH approved respirator appropriate for the level of exposure should be worn.

9 – Physical and Chemical Properties

Boiling Point:	323°F	Specific Gravity:	0.832 @ 72°F
Solubility in Water:	Insoluble	pH:	Not Applicable
Vapor Pressure:	0.07 mmHg @ 20C (aliphatic	Vapor Density:	Greater than 1

	petroleum distillates)		
Percent Volatile:	72%	VOC:	Not determined
Coefficient of Water/Oil Distribution:	Not Determined	Appearance/Odor	Pen containing 7.7 mL of a cloudy, light amber liquid with a characteristic odor.
Flash Point:	>200°F Tag Closed Cup	Flammable Limits:	LEL: 1.0% UEL: 9.0%

10 – Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Avoid excessive heat, flames and other sources of ignition.

Incompatibilities: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

11 – Toxicological Information

The oral toxicity of this product is estimated to be greater than 5,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria. It is an aspiration hazard. None of the components of this product is listed as a carcinogen or suspected carcinogen or is considered a reproductive hazard.

12 – Ecological Information

No data is currently available.

13 - Disposal Considerations

If this product becomes a waste, it would be not be expected to meet the criteria of a RCRA hazardous waste. However, it is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal. Discard empty pen in trash. Dispose in accordance with federal, state, and local regulations.

14 – Transportation Information

DOT Surface Shipping Description: Not Regulated

IMDG Shipping Description: Not Regulated

15 – 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: Acute Health

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 of 1986: This product does not contain chemicals regulated under California Proposition 65.

Canadian Environmental Protection Act: One of the components is listed on the NDSL. All of the other ingredients are listed on the Canadian Domestic Substances List or exempt from notification

Canadian WHMIS Classification: Not a controlled product.

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

16 – Other Information:

HMIS Hazard Rating:

Health – 1 (slight hazard), Fire Hazard – 1 (slight hazard), Physical Hazard – 0 (minimal hazard)

SIGNATURE: 

TITLE: Director of Global Quality Assurance

REVISION DATE: July 2009

SUPERSEDES: December 2005