



## TECHNICAL DATA SHEET

# WD-40® SPECIALIST® NON-FLING ROLLER CHAIN LUBRICANT

50-STATE VOC COMPLIANT

### PHYSICAL CHARACTERISTICS

- **Appearance:** Aerosol – Aerosolized Liquid
- **Color:** White, cloudy liquid
- **Odor:** Petroleum odor
- **Brookfield Viscosity @ 21°C:** 7.5 cP
- **Specific Gravity @ 77° F (25° C):** 0.81
- **Boiling Point (initial):** 93-99°C (199.4-210.2°F) (Heptane)
- **VOCs:** 24%
- **Lower Flammability Limit:** 0.6%
- **Upper Flammability Limit:** 8.0%
- **Vapor Pressure: Aerosol:** 95-115 psi @ 70° F (21° C)

### PACKAGES:



### PRODUCT FEATURES:

Lubricates deep into chains, won't attract dirt and thickens to stay in place even at high rpms.

- Protects chain from breaking prematurely\*
- Non-fling at high RPM
- Ceramic reinforced formula repels dirt
- Safe on O-Ring chains

\*Based on proper chain maintenance extending the life of a chain. Proper maintenance for roller chain is cleaning and lubricating not only the external parts (chain and sprockets) but also the internal parts (chain links) of the chain.

### FLUID PROPERTIES

**Solubility in Water:** Insoluble

**Surface Compatibility:** WD-40 Specialist Non-Fling Roller Chain Lubricant demonstrates none to very negligible deleterious effects to plastic and metal hard surfaces tested. This includes Acetal, PPS Copolymer Polysulfone, Teflon, Viton, steel, galvanized steel, copper, brass, magnesium, nickel, tin plate, titanium, aluminum, zinc.

**Surface Cautions:** Nearly all surfaces interact with WD-40 Specialist Non-Fling Roller Chain Lubricant 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. Clear polycarbonate and polystyrene may stress craze or crack. Always test surfaces first.

### TYPICAL PERFORMANCE: WD-40® SPECIALIST® HIGH-FLING ROLLER CHAIN LUBRICANT

TEST METHOD	PROPERTY	RESULTS
ASTM D4172	Anti-Wear	0.43
ASTM D3233	Extreme Pressure	1464 lbs
ASTM D5620	Long-Lasting Lubrication	9.8 minutes
ASTM B-117	Salt Spray Rust Protection	No rust @ 72 hours

## WD-40 SPECIALIST NON-FLING ROLLER CHAIN LUBRICANT AND THE ENVIRONMENT

- WD-40 Specialist Non-Fling Roller Chain Lubricant does not contain chlorofluorocarbons (CFCs), (HCFCs)
- WD-40 Specialist Non-Fling Roller Chain Lubricant does not contain Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr6), Polybrominated biphenyls (PBB), or Polybrominated diphenylether complying with the restricted substances listed in Article 4(1) of the RoHS Directive.
- WD-40 Specialist Non-Fling Roller Chain Lubricant contains no ingredients requiring California Prop 65 listing or labeling such as benzene or toluene.
- WD-40 Specialist Non-Fling Roller Chain Lubricant complies with VOC regulations in all 50 states.
- WD-40 Specialist Non-Fling Roller Chain Lubricant is inherently biodegradable according to OECD Method 301.
- Aerosol products are recyclable, just like any other empty steel container! Thousands of communities now include aerosol product recycling in both household residential and curbside buy-back and drop-off programs. The U.S. EPA recommends that all aerosol containers be recycled once they are empty.

## SAFETY

**WD-40 Specialist Non-Fling Roller Chain Aerosol: DANGER!** Extremely Flammable Aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness.

## TOXICOLOGICAL

### Symptoms of Overexposure:

**Inhalation:** Mist or vapor can irritate the throat and lungs. 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:** May cause skin irritation with short-term exposure with redness, itching and burning of the skin. Prolonged and/or repeated contact may produce defatting and possible dermatitis.

**Eye Contact:** Contact may be irritating to eyes. May cause redness, stinging, swelling and tearing.

**Ingestion:** This product has low oral toxicity. If swallowed, this material may cause irritation of the mouth, throat and esophagus. Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea, dizziness, drowsiness and other central nervous system effects. 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.

**Carcinogen Status:** None of the components are listed as a carcinogen or suspect carcinogen by IARC, NTP, ACGIH or OSHA.

**Reproductive Toxicity:** None of the components is considered a reproductive hazard.

### Numerical Measures of Toxicity:

**Acute Toxicity Estimates:** Oral > 5,000 mg/kg; Dermal >2,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria. It is an aspiration hazard.

## REGULATORY

- **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, Fire Hazard, Sudden Release of Pressure
- **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
- **VOC Regulations:** This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.
- **California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):** This product does not contain chemicals regulated under California Proposition 65.

