



3-IN-ONE®

3-IN-ONE® Trailer Hitch Gel Lube Technical Data Sheet

Typical Physical Characteristics - USA

Appearance: Thixotropic liquid
Color: Tan
Odor: Mild petroleum odor
Odor Threshold: Not established
pH: Not Applicable
Melting/Freeze Point: Not established
Specific Gravity at 25°C: 0.85 - 0.90
Viscosity (Brookfield, RVT, 60rpm, 25°C): 300 - 500 cP
Boiling Point/Range: 430 - 520°F (221 - 271°C)
Vapor Density: >1
Relative Density: Not Determined
Solubilities: Insoluble in water
Flash Point: >156°F (69°C) Tag Closed Cup (estimated)
Evaporation Rate: Not established
Flammability (solid, gas): Extremely Flammable Aerosol
Aerosol Flame Extension (16CFR): >18 inches
VOC: Not established
Partition Coefficient; n-octanol/water: Not established
Autoignition Temperature: Not established
Decomposition Temperature: Not established
Pour Point: Not established
Flashback: Yes
Lower flammability limit: 0.6%
Upper flammability limit: 8.0%
Vapor Pressure: Not established

Product Features

Prevent rust on your trailer hitch, ball, and hitch receiver with 3-IN-ONE® Trailer Hitch Gel Lube. This trailer hitch ball lube provides long-lasting lubrication and superior rust prevention, leading to a quieter, smoother ride. Using a hitch lubricant reduces friction and wear between the ball and coupler as well as the hitch receiver and prevents rust for up to ONE YEAR to help extend ball and hitch life. The 3-IN-ONE® Trailer Hitch unique gel formulation ensures a thick layer of lubricant will stay where you spray, instead of dripping off and creating a mess on your equipment and floor. 3-IN-ONE® Trailer Hitch Gel Lube comes with a permanent Smart Straw® for easy and precise application, so you don't have to deal with any mess, and can be used on other moving parts as well, making it the go-to solution for all trailer owners.

Fluid Properties

Working Temperature Range: -100°F to 500°F

Surface Compatibility

Safe on multiple surfaces including metal, plastic and rubber.

Surface Cautions

Always test surfaces first. Do not immerse rubber parts in product.

Typical Performance - 3-IN-ONE® Trailer Hitch Gel Lube

Test Method	Property	Results
ASTM D4172	Lubricates	0.46 mm
ASTM D3233	Extreme Pressure Lubrication	1115 lb
ASTM D5620	Long Lasting Lubrication	60 mins at 500 lbf
ASTM B117	Corrosion Protection	No surface corrosion in 166hrs
FTM-3007	Water Displacement	No surface corrosion



3-IN-ONE Trailer Hitch Gel Lube and the Environment

- 3-IN-ONE Trailer Hitch Gel Lube Product 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.
- 3-IN-ONE Trailer Hitch Gel Lube Product contains no ingredients requiring California Prop 65 labeling such as benzene or toluene.
- 3-IN-ONE Trailer Hitch Gel Lube Product complies with California VOC regulations.



**PLEASE RECYCLE
WHEN EMPTY**

SAFETY

DANGER! Extremely Flammable Aerosol. Contains gas under pressure; may explode if heated. Keep away from heat, sparks, open flames, hot surfaces – No smoking. Do not spray on an open flame or other ignition source. Do not swallow. Avoid eye and skin contact. Avoid breathing vapors. May cause drowsiness or dizziness. Use only in well-ventilated area. Wash thoroughly with soap and water after use. Intentional inhalation abuse (concentrating and inhaling vapors or mists) may be harmful or fatal. Keep out of reach of children.

First Aid Measures

Ingestion (Swallowed): Aspiration Hazard. DO NOT induce vomiting. Call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596 immediately or if calling outside the USA at +1-651-603-3431.

Symptoms of Overexposure:

Inhalation: 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: Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis.

Eye Contact: Contact may be irritating to eyes. May cause redness and tearing.

Ingestion: This product has low oral toxicity. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. 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:

The oral toxicity of this product is estimated to be greater than 5,000 mg/kg and the dermal toxicity greater than 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

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: Refer to Section 2 for the OSHA Hazard Classification.

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 require a California Proposition 65 warning.



WD-40 COMPANY

9715 Businesspark Avenue, San Diego, CA 92131 U.S.A
WD-40 Safety Hotline 1-888-324-7596
3InOne.com

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