

EZY-TURN® #8

BALL & PLUG VALVE SEALANT WITH GROUND PTFE

DESCRIPTION

EZY-TURN® #8 Ball and Plug Valve Sealant is a vegetable oil based product containing a high percentage of ground PTFE. It is excellent for use in ball and plug valves that are worn or scored and have a tendency to leak. It is hydrocarbon and water resistant and can be injected through standard giant buttonhead fittings with a high pressure lubricator. **EZY-TURN #8** contains a blend of PTFE particle sizes designed to provide maximum sealing power. It is suitable for use as an injectable stem packing and as a thread sealant.

- Nontoxic
- Nonhazardous
- Contains PTFE
- Color: Blue Green
- Stops Leaks
- Water Resistant
- Hydrocarbon Resistant
- Injectable
- Biodegradable

APPLICATIONS

EZY-TURN #8 is an ideal sealant/lubricant for ball and plug valve applications where a worn, scored or leaking valve is encountered. The high percentage of ground PTFE in this product is designed to provide maximum sealing power and lubrication in problem situations. **EZY-TURN #8** is both oil and water resistant and can be used in virtually any oilfield, industrial or marine application where ball and plug valves are used. It can also be used in stuffing boxes, valve stems and as a packing and sealant for threads.

SERVICE RECOMMENDATIONS

- Aliphatic Hydrocarbons
- Dilute Acids
- Dilute Alkalies
- Fuel Oils
- Crude Oils
- Crude Distillates
- Natural Gas
- Propane
- Kerosene
- Aqueous Solutions

TEMPERATURE RANGE

0°F (-18°C) to 500°F (260°C)

Recommended Cleanup: Although conventional solvents like methanol, ethanol, IPA, chlorinated solvent, aromatic solvents, acetone and other ketones can be utilized, **JET-LUBE®** recommends its **EZY-OPEN™** or other safe oxygenated solvents. **EZY-OPEN** is a nontoxic, non-flammable, biodegradable lubricant and cleanser specifically designed for valve cleaning applications. It contains no components listed as federal hazardous wastes.

PRODUCT CHARACTERISTICS

Appearance

Bulk Blue Green Paste
Stick Blue Green Semi-Plastic

Cone Penetration (ASTM D-217), mm x 10⁻¹

Bulk 220 - 250
Stick 80 - 130

Density (lb/gal) Typical

Bulk 10.6
Stick 10.7

Specific Gravity, Typical

Bulk 1.27
Stick 1.28

Dropping Point (ASTM D-2265), °F (°C)

Bulk & Stick None

Oil Separation Wt. % (FTMS 791.B M.321.2) (ASTM D-6184)

Bulk 5.0 max
Stick 1.0 max

Thickener

Bulk & Stick Inorganic

Flash Point (ASTM D-92) °F (°C)

Bulk & Stick >400 (204)

Temperature Range °F (°C)

Bulk & Stick 0 (-18) to 500 (260)

pH Range

Bulk & Stick 2 - 9

Note: Not for use with oxygen or strong oxidizers such as hydrogen peroxide or sulfuric acid.

PACKAGING

Code No.	Net Wgt./Type	Shipping Wt.
94550	Cartridge	14 oz.
94580	B	3/8 x 1 1/2
94581	J	1-3/8 x 8 1/2
94582	K	1 1/2 x 10 1/2
94522	10 lb.	5 qt. can
94516	50 lb.	5 gal.
94524	150 lb.	15 gal.
94529	500 lb.	50 gal.

LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube, Inc.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube, Inc. shall not be liable for incidental or consequential damages.

CORPORATE LOCATIONS

Houston, Texas—World Headquarters

Maidenhead, England

Edmonton, Canada

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VALVE

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JET-LUBE, INC.

MATERIAL SAFETY DATA SHEET

I Product Name: EZY-TURN® #8 Chemical Family: Synthetic based lubricating grease Use: Valve lubricant and sealant.	Manufacturer/Supplier: JET-LUBE, INC. Address: 4849 Homestead Rd., Ste. #200 Houston, TX, 77028 USA Phone: 713-674-7617 Emergency Phone: 713-674-7617 Fax: 713-678-4604 Chemtrec 24 hours (USA): 800-424-9300
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Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
Nonhazardous Blend	29408671/8001794	100	UN	UN	STEL: UN
	66071123/9002840				
	68611449/110305				

II

III
Main Hazards—Health Effects
Eyes: May cause irritation. **Inhalation:** Viscous nature may block breathing passages if inhaled.
Ingestion: May cause diarrhea. **Skin:** Possible rash for persons with hypersensitivity.

IV
Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help. **Inhalation:** Clear air passage. If respiratory difficulty continues, seek medical help. **Ingestion:** Wash out mouth immediately. Consult physician. **Skin:** Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry cleaned before reuse.

V
Extinguishing Media: Foam, dry powder, Halon®, carbon dioxide, sand, earth & water mist. **Unsuitable Extinguishing Media:** Water jet.
Protective Equipment for Fire fighting: Self-contained breathing apparatus.

VI
Personal Precautions: Wear gloves & protective overalls. **Environmental Precautions:** Nonhazardous **Spillage:** Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.

VII
Handling: Do not allow it to enter drains (it may clog drain) **Storage:** Do not store at elevated temperatures.

VIII
Respiratory Protection: None needed. **Hand Protection:** Protective gloves for hypersensitive persons. **Eye Protection:** Glasses, if applied to parts in motion. **Body Protection:** Overalls.

IX
Physical State: Semisolid paste **Color:** Blue Green **Odor:** Mild **pH:** Neutral **Boiling Range/Point °F (°C):** >600 (316)
Melting Point °F (°C): None **Flash Point (COC) °F (°C):** >500 (260) **Autoignition Temperature °F (°C):** >500 (260)
Explosive Properties: LEL: UN UEL: UN **Evaporation Rate (Butyl Acetate):** <0.01 **Partition Coefficient (Log Pow):** N/A
Vapor Pressure (kPa): <0.01 **% Volatiles:** Nil **Density (g/cm³):** 1.27 ± .03 **Flammability:** Not flammable at ambient temperature.
OAR Value: N/A **Oxidizing Properties:** None **Water Solubility:** Not soluble **Vapor Density:** >5

X
Stability: Chemically stable under normal conditions. No photoreactive agents. **Conditions to Avoid:** Powerful sources of ignition & extreme temps. **Materials to Avoid:** Strong inorganic & organic acids, oxidizing agents. **Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons & oxides of carbon and nitrogen. Residue mainly comprised of soot & mineral oxides.

XI
Acute Toxicity: Not known. **Irritancy—Skin:** Very mild. **Skin Sensitization:** Not known. **Subacute/Sub-chronic Toxicity:** Not known.
Genotoxicity: None known. **Chronic Toxicity:** None known. **California Prop 65:** N/A **Carcinogen:** NTP: No **IARC:** No **OSHA:** No
EC Classification (67/548/EEC): No **Allergens:** None known. **LC-50:** >4000mg/kg—extrapolated from component data. **LD-50:** N/A


XII
Possible Effects: May generate fractions that are unlikely to act as marine pollutants.
Behavior: Relatively well behaved. Bioaccumulation almost nil.
Environmental Fate: Highly unlikely to cause notable contamination. Nontoxic to marine or land organisms.

XIII
Product Disposal: Do not incinerate. Contact waste disposal company or local authority for advice. **Container Disposal:** Pails without liner—see Product Disposal section above. Pails with plastic liner—pail may only be disposed of via standard waste disposal services, recycled or reused. **Liner—**see Product Disposal section above.

XIV
 Not classified as hazardous for transport. **D.O.T.:** Nonhazardous **UN No.:** Nonhazardous **Air Transport (ICAO & IATA):** Nonhazardous
Sea Transport (IMO & IMDG): Nonhazardous **Road & Rail Transport (ADR/RID):** Nonhazardous

XV
Labeling Information: None needed **EC Annex 1 Classification:** Not Applicable. **R Phrases:** R22—harmful if swallowed.
S Phrases: None applicable, as known. **Ozone Depleting Chemicals:** Not applicable. **TSCA:** All components are listed.
WHMIS (Canada): Not controlled **Canadian DSL:** All components listed. **40 CFR Part 372 (SARA Section 313):** N/A
CERCLA: Nonhazardous **RCRA Hazard Class:** Nonhazardous **SARA 311/312:** None **TSCA 12B Components:** None

XVI
 SDS first issued. SDS data revised. **New Jersey Right To Know:** See Section II

Signature: 
Prepared by: Donald A. Oldiges
Date Issued: January 19, 2004

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LEGEND	
I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	IX. PHYSICAL AND CHEMICAL PROPERTIES
II. COMPOSITION INFORMATION ON INGREDIENTS	X. STABILITY AND REACTIVITY
III. HAZARDS IDENTIFICATION	XI. TOXICOLOGICAL INFORMATION
IV. FIRST AID MEASURES	XII. ECOLOGICAL INFORMATION
V. FIRE FIGHTING MEASURES	XIII. WASTE DISPOSAL
VI. ACCIDENTAL RELEASE MEASURES	XIV. TRANSPORT INFORMATION
VII. HANDLING AND STORAGE	XV. REGULATORY INFORMATION
VIII. EXPOSURE CONTROL/PERSONAL PROTECTION	XVI. OTHER INFORMATION

HMIS SYMBOL

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PPI	

NFPA SYMBOL

