

# EZY-TURN® #3 ARCTIC

## GATE & PLUG VALVE SEALANT

### DESCRIPTION

**EZY-TURN® #3 ARCTIC** Gate and Plug Valve Sealant is specifically designed for use where light hydrocarbon liquids and gases are present, making it the sealant of choice for pipeline and compressor station usage. Easily pumpable to temperatures as low as -70°F (-57°C).

Our proprietary blend of oils and solid lubricants, means **EZY-TURN #3 ARCTIC** lubricates and is resistant to all aliphatic hydrocarbons. Lowers torque necessary for smooth valve operation and protects internal plug surfaces from scoring and galling.

- Proprietary Oil Base
- Nontoxic
- Color: Grey/Black
- H<sub>2</sub>S Resistant
- Reduces Torque
- Stops Leaks
- Prevents Corrosion
- Biodegradable
- Stops Scoring, Galling
- Pumpable
- Nonhazardous

### APPLICATIONS

**EZY-TURN #3 ARCTIC** Gate and Plug Valve Sealant is ideal for any plug valve application requiring aliphatic liquid and gas resistance. Ideal for pipeline and compressor station operation. Excellent for use in heavy H<sub>2</sub>S, saline or salt water service.

**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, nonflammable, biodegradable lubricant and cleanser specifically designed for valve cleaning applications. It contains no components listed as federal hazardous wastes.

**NOTE: Not for use with oxygen or strong oxidizers.**

### SERVICE RECOMMENDATIONS

- Aliphatic Hydrocarbons
- Butane
- Natural Gas
- LPG
- Hot Gases
- Propane
- Fuel Oil
- H<sub>2</sub>S, Saline, Salt Water

### TEMPERATURE RANGE

-70°F (-57°C) to 500°F (260°C)

### PRODUCT CHARACTERISTICS

Appearance	Grey/Black Paste
Cone Penetration @ 77°F (As manufactured, 300 strokes)	240 - 330
Density (lb/gal) Typical	8.80
Specific Gravity, Typical	1.06
Dropping Point (ASTM D-2265)	None
Oil Separation (FTMS 791.B M.321.2) (ASTM D-6184)	3.0 max
Thickener	Inorganic
Flash Point °F (°C) (ASTM D-92)	>500°F (260°C)
Temperature Range	-70°F (-57°C) to 500°F (260°C)

### PACKAGING

Code No.	Net Wgt./Type	Unit Size
93150	14 oz.	Cartridge
93122	10 lb.	Can
93116	40 lb.	Pail
93124	120 lb.	Drum
93129	400 lb.	Drum

### 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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# JET-LUBE, INC.

## MATERIAL SAFETY DATA SHEET

**Product Name:** EZY-TURN® #3 Arctic  
**Chemical Family:** Synthetic based lubricating grease  
**Use:** Gate & Plug Valve lubricant and sealant.

**Manufacturer/Supplier:** JET-LUBE, INC.  
**Address:** 4849 Homestead Rd., Ste. #232  
 Houston, TX, 77028 USA **Phone:** 713-670-5700  
**Emergency Phone:** 713-670-5700 **Fax:** 713-678-4604  
**Chemtrec 24 hours (USA):** 800-424-9300  
**Outside the USA:** 703-527-3887

Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
Nonhazardous Blend	8001794/63148629 66071123/1317335 68611449	100	UN	UN	STEL: UN

### 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.

**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.

**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.

**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.

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

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

**Physical State:** Semisolid paste **Color:** Grey/Black **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 **V.O.C. Content:** Nil **Density (g/cm³):** 1.06 ± .07 **Flammability:** Not flammable at ambient temperature.  
**OAR Value:** N/A **Oxidizing Properties:** None **Water Solubility:** Not soluble **Vapor Density:** >5

**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, sulfur and nitrogen. Residue mainly comprised of soot & mineral oxides.

**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

**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.

**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.

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


**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 Component:** None

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

**Signature:**   
**Prepared by:** Donald A. Oldiges  
**Date Issued:** February 24, 2010

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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	B

### NFPA SYMBOL

