

EZY-TURN® #22

GATE VALVE SEAT SEALANT & BODY FILLER LUBRICANT

DESCRIPTION

EZY-TURN® #22 is a premium sealant formulated from a unique blend of synthetic and vegetable based oils for use in expanding gate type valves. Ideal sealant for service applications involving gases, distillates, dilute acids and steam. **EZY-TURN #22** contains no solid fillers that could disrupt the sealing film. Although designed for expanding gate type valves, **EZY-TURN #22** is used effectively on many other valve types.

- Nontoxic
- Nonhazardous
- No Solid Fillers
- Reduces Torque
- Seals, Lubricates
- Vegetable & Synthetic Base
- Water resistant
- Multi-Purpose
- Hydrocarbon Resistant
- Pumpable

APPLICATIONS

Oilfield: **EZY-TURN #22** has been formulated for use in production oilfield situations (Christmas trees, line valves) where a variety of service conditions may be required. This is a premium product and should be used where solid fillers mandated in the "peanut butter" type sealants are not wanted.

Industrial and Marine: **EZY-TURN #22** is also recommended for gate valve applications requiring resistance to hydrocarbon or hydrocarbon/water mixtures. Absence of solid fillers assures that the service will not be contaminated with unwanted solids.

SERVICE RECOMMENDATIONS

Petroleum Gases	Butane
Petroleum Liquids	Propane
Natural Gas	LPG
Crude Distillates	Crude Oil
Dilute Alkalies	Dilute Acids
Aqueous Solutions	Salt Solutions

Note: Not for use with oxygen or strong oxidizers

PRODUCT CHARACTERISTICS

Appearance

Bulk & Stick Amber Sticky Paste or Semi-Plastic

Penetration (ASTM D-217)

Bulk 255 - 285
Stick 80 - 130

Density (lb/gal) Typical

Bulk 8.72
Stick 8.94

Specific Gravity

Bulk 1.04
Stick 1.07

Dropping Point (ASTM D-2265)

Bulk & Stick None

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

Bulk 5.0 max
Stick 1.0 max

Thickener

Bulk & Stick Inorganic

Temperature Range

Bulk & Stick -50°F (-46°C) to 420°F (215°C)

PACKAGING

Code No.	Net Wt./Type	Shipping Wt.
96581	J	1-3/8 x 8½
96582	K	1½ x 10½
96522	10 lb.	5 qt. can
96516	40 lb.	5 gal.
96524	120 lb.	15 gal.
96529	400 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

Product Name: EZY-TURN® #22
Other Designations: ST 102
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

Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
Nonhazardous Blend	29408671/103242	100	UN	UN	STEL: UN
	68441667/27178161				
	122623/57556				
	112945525/66071123				
	12003382				

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: Semiplastic paste **Color:** Amber to Golden **Odor:** Mild **pH:** Neutral **Boiling Range/Point °F (°C):** >600 (316)
Melting Point °F (°C): None **Flash Point (COC) °F (°C):** >540 (282) **Autoignition Temperature °F (°C):** >600 (316)
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):** 1.06 ± 0.04 **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/l—extrapolated from component data. **LD-50:** N/A

Possible Effects: In extreme cases, may generate oil fractions that could act as a marine pollutant. Potential of this occurrence is highly unlikely. **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 Components:** None

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

LEGEND


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

HMIS SYMBOL

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PPI	□

NFPA SYMBOL



Signature: 
Prepared by: Donald A. Oldiges
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