



GSP
GLOBAL SPECIALTY PRODUCTS USA INC

30 YEARS
SUSTAINABLE INNOVATION



Protection • Maintenance • Performance

Product Overview

Engineered for urethane dispensing and polyurea spray systems. Provides up to 36 months of mid- to long-term storage protection. As a plasticizer, SurfaLube™ prevents ISO (A) crystallization and protects pumps, hoses, proportioners, and spray guns—freezing Point: -70 °C (-94 °F).

The eco-friendly formulation prevents both the isocyanate (A) and resin (B) lines from hardening. A reaction may occur if moisture is present. Proper system flushing is required before storage.

Flushing Procedure Before Using SurfaLube™

- Turn OFF all heaters before flushing.
- Flush system at room temperature using pump circulation.
- Flush hoses, proportioners, spray guns, and pumps.
- Use NZD ISO FLUSH™ for minimal hardened ISO buildup.
- Use SURF X FLUSH 2000™ for heavy, hardened ISO buildup.
- Select an appropriate cleaner based on the equipment condition.

Preparing System for Storage

- Purge lines with SurfaLube™ to remove residual ISO.
- Introduce fresh ('virgin') SurfaLube™ into the system.
- Store equipment in a cool, dry, moisture-free environment.

Restart Procedure

- Flush SurfaLube™ completely from the system.
- Purge the ISO line with fresh isocyanate.
- Discard initial spray material before production.

Environmental Profile

- Low VOC • Nonflammable • Low Toxicity • Noncorrosive • Nonhygroscopic
- Nonhazardous • Contains No Ozone-Depleting Substances (ODS)
- Contains No Hazardous Air Pollutants (HAPs)

U.S. Regulatory and International Compliance

- No CA Proposition 65 Listed Ingredients
- No SARA 311/312/313 Reportable Components
- REACH Compliant

Product Description

Equipment Storage Fluid is a clear, colorless liquid formulated for equipment protection and storage. The product is stable under normal storage conditions and compatible with common industrial equipment materials.

Typical Physical & Chemical Properties

Property	Specification
Appearance	Clear liquid, Colorless to slight amber
Odor	Slight characteristic
Recommended Operating Temperature	Room temperature
Concentration	Full strength
Specific Gravity	1.090 – 1.095 @ 20 °C (Water = 1.0)
Weight per Gallon	9.1 lb./gal
Vapor Pressure (components)	≤ 0.02 mmHg @ 20 °C (68 °F)
Boiling Point @ 760 mmHg	242 – 255 °C (467.6 – 491 °F)
Flash Point	116 – 120 °C (241 – 248 °F)
Freezing Point	-70 °C (-94 °F)
pH 50%	6.5 – 7.0
Solubility in Water	Soluble
VOC (EPA Method 24)	0.43396%
VOC Content	4.734 g/L (0.0395 lb./gal)
HMIS Rating	Health: 1 Fire: 1 Reactivity: 0
Recycling Parameters (Vacuum Distillation)	195 – 253 °F @ 760 mmHg
Product #	02-W400590

Stability & Material Compatibility

Stable under normal storage conditions.

Compatible with Carbon Steel, Stainless Steel, and Aluminum Alloys.

Material Compatibility – O-Rings, Gaskets, Hoses & Pump Packing

Recommended Materials

Cork • Natural Rubber • Neoprene • Polyethylene • Teflon

Materials to Avoid

PVC • Viton • Hypalon

Safety & Handling

It causes serious eye and skin irritation. If swallowed, it poses an aspiration hazard.

Avoid contact with skin, eyes, and clothing. Keep away from heat and ignition sources. **Do not heat.**

Use appropriate PPE (gloves, goggles, protective clothing). See the SDS for complete information.

Packaging & Storage

- 1 Gallon EasyPour® Jugs, 5 Gallon Pails, 55 Gallon Steel Drums (closed cap).
- Store in original container above freezing and below 100 °F.
- Store drums in a dry area.
- Freight shipment via ground or LTL carriers.

