# ALCHATEK LUBE 190
PUMP LUBRICANT

TECHNICAL DATA

## Description
Alchatek Lube 190 is a multi-purpose lubricant for use with both electric injection pumps and proportioner/reactor pumps.

## Uses
- Lubricating electric injection pumps.
- Flushing out proportioner/reactor pumps for long-term storage.
- Lubricating A-side pump line on proportioner/reactor pumps.

## Advantages
- Extends the life of the electric injection pump.
- Protects and extends the life of pump packings.
- Prevents isocyanate from setting up inside pump or hoses.

| Alchatek Lube 190 Properties | |
|---|---|
| **Property** | **Typical Value, Units** |
| Acidity (wt%) | 0.003 max. |
| Color Pt-Co | 15 max. |
| Refractive Index @ 77°F (25°C) | 1.485 |
| Specific Gravity @ 68°F/ 68°F (20°C/20°C) | 0.985 |
| Boiling Point | 723 °F (384 °C) |
| Flash Point Setaflash Closed Cup | 414 °F (212 °C) |
| Freezing Point | <-58 °F (<-50 °C) |
| Vapor Pressure @ 68°F (20°C) | <0.0001 torr (<0.01 Pa) |
| Viscosity @ 77°F (25°C) | 60 cP (60 mPa·s) |
| Wt/Vol @ 68°F (20°C) | 8.2 lb/gal (0.982 kg/L) |

## Storage and Shelf Life
Store between 50° - 80° F (10° - 26° C).

## Estimating Quantities
Consumption has to be assessed on site and is influenced by the amount of water leaking, thickness of the concrete.

## Application and Safety Precautions
When applying Alchatek polyurethane systems, always wear appropriate personal protective equipment and avoid contact with eyes and skin. Review the Safety Data Sheet at Alchatek.com before use. Excessive foam build-up can result in degraded material properties or, in rare cases, fire, due to high internal temperatures within the material. For safety and application guidance, contact the Alchatek Technical team.

## Supplier Details
Alchatek
4508 Bibb Blvd
Tucker, GA 30084
T: (404) 618-0438

## Emergency Phone Numbers
Call CHEMTREC
Day or Night
1-800-424-9300
+1 703-527-3887

**Limited Warranty**
Alchatek warrants this product to be free from manufacturer's defects and to meet all published properties on current Technical Data Sheet for a period of one year if used according to published instructions and within the shelf life. The user is responsible for determining suitability for intended use and assumes all risk. No other warranties expressed or implied shall apply including any warranty of merchantability or fitness for a particular purpose. Purchaser's sole remedy is limited to the purchase price or product replacement exclusive of cost of labor or other materials.

**Latest Information**
Before each use read latest Technical Data Sheets, Safety Data Sheets, and instructions available at Alchatek.com. Nothing contained in any Alchatek materials or verbal instruction relieves the user of the obligation to read and follow all usage instructions and warnings for each product contained in the latest Technical Data Sheets and Safety Data Sheets. All information given by Alchatek about Alchatek products and procedures is given in good faith based on our current experience level and knowledge when materials are properly stored, handled, and applied. Jobsite conditions always vary, and for this reason Alchatek assumes no liability for the provision of such information or instructions. Neither shall any legal relationship be created by the provision of such information.

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. READ MATERIAL SAFETY DATA SHEET PRIOR TO EVERY USE.

**Properties will vary depending on application conditions.**