

# ALL SEASON T30 SELECT™

## MATERIAL SAFETY DATA SHEET

Effective Date: 01/01/2014

4ALL SEASON T30 SELECT is a diester based synthetic lubricant formulated for use in Ingersoll-Rand Type 30 Reciprocating Air compressors.

### 1. PRODUCT IDENTIFICATION: Mixture-Chemical Family: Diester

### 2. HAZARDOUS INGREDIENTS: The components of this product are not listed as hazardous or toxic according to OSHA (29 CFR OSHA 1910.1200), NTP, IARC and SARA 313.

#### Hazardous Materials Identification System (HMIS):

|        |              |            |       |                        |
|--------|--------------|------------|-------|------------------------|
| Health | Flammability | Reactivity | Basis | Hazard Ratings Key:    |
| 0      | 1            | 0          | —     | 4 = Highest 0 = Lowest |

### 3. PHYSICAL DATA:

**Boiling Point:** N/A

**Viscosity:** 96.9 cSt @ 40°C

**Vapor Density:** Greater than air

**Solubility in Water:** Negligible

**Appearance:** Light straw colored fluid

**Odor:** Mild ester odor

**Pour Point:** -40°F

**Specific Gravity:** 0.92

**Percent Volatile:** Negligible

**Evaporation Rate:** Not volatile, slower than Butyl Acetate

### 4. FIRE AND EXPLOSION HAZARD DATA:

**Flash Point:** 480°F (249°C)

**Method Used:** ASTM D92

**Flammable Limits:** Not established

**Fire Fighting Media:** Water spray, dry chemical, foam or carbon dioxide

**Fire Fighting Procedures:** Use water to keep fire-exposed container cool. Wear self-contained positive pressure breathing apparatus and full protective gear to fight fire. Cool with water spray.

**Special Fire and Explosion Hazard:** None expected

### 5. HEALTH HAZARD: This product does not contain any components considered to be health hazards under the OSHA Hazard Communication Standards 29CFR 1910.1200 or under the WHMIS Controlled Product Regulations in Canada.

**Effects on exposure:** Prolonged or repeated skin contact may tend to remove natural skin oils, thus leading to possible irritation and dermatitis.

**Medical Conditions Generally Aggravated by Exposure:** May aggravate previous skin condition.

**Skin Contact:** With repeated contact, a skin defatter. May develop redness or mild irritation.

**Skin Absorption:** Not established

**Ingestion (Acute):** Can cause gastrointestinal irritation. No hazard expected in normal use.

**Eyes:** Mild irritation.

**Systemic & Other Effects:** Not established



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## 6. REACTIVITY DATA:

**Stability:** Stable under normal storage conditions

**Incompatibility:** Avoid contact with strong oxidizers such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

**Hazardous Decomposition:** Burning will produce toxic fumes.

**Hazardous Polymerization:** Will not occur under normal conditions

**Conditions to Avoid:** Open flames

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## 7. HANDLING AND STORAGE:

**Exposure Guidelines:** Not Established. OSHA TLV/TWA 5mg/m3 oil mist can be used.

**Ventilation:** Local exhaust to capture vapor, mist or fumes, if necessary.

**Respiratory Protection:** Use NIOSH-approved equipment: filter, fume or mist respirator under misty conditions.

**Skin Protection:** For prolonged use, use chemical resistant gloves to minimize skin contact.

**Eye Protection:** Use safety glasses with side shields.

**Special Handling:** If splashing occurs, use apron. Do not get in eyes, on skin or clothing. Wash thoroughly after handling.

**Storage:** Store in a cool, dry place. Keep containers closed when not in use.

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## 8. ENVIRONMENTAL AND DISPOSAL INFORMATION:

**Steps to be Taken in Case of Spills:** Ventilate area. Prevent spread of spill. Absorb with sand or an inert, absorbing material. Sweep or scoop up and place in a disposal container. Do not contaminate any lakes, ponds, streams, ground water or soil.

**Waste Disposal Method:** Dispose of in accordance with local, state or federal laws.

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## 9. FIRST AID:

**Eyes:** Flush with water for at least 15 minutes. Hold eyelids open while flushing. If irritation persists get medical attention.

**Skin:** Remove contaminated clothing and wash skin thoroughly with soap and water.

**Ingestion:** Drink 8-10 ounces of water. Do not induce vomiting. Get medical attention immediately.

**Inhalation:** Remove to fresh air. Get medical attention if discomfort persists.

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## 10. PREPARED BY: Ingersoll-Rand

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### Emergency Contact:

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