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MSDS

**Common Name:** ALL SEASON T30 SELECT**Manufacturer:** INGERSOLL-RAND**MSDS Revision Date:** 1/1/2008**Grainger Item Number(s):** 2YY83, 4KR55, 4KR56, 4KR57, 4KR58, 4KR59, 4KR60, 4KR61, 4LG86, 4M578, 4M579, 4M580, 4M581, 4MJ04, 4MJ05, 4TM91, 4TM92, 4TM93, 4TM94, 4TM95, 4TN87, 4ZK07, 4ZK08, 4ZK09**Manufacturer Model Number(s):** 2545E10V200, 2545E10V230/460, 2545E10VS230, 2545E10VS460, 32305872, 32311219, 32312936, 32319451, 32319469, 32319477, 32319485, 32319493, 32332827, 32498511, 38485298, 38485306, 38485314, 38485322, 38485330, 85582740, 97331383, 97338099, 97338131, 97338610

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ALL SEASON T30 SELECT(TM)

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: 01/01/2008

ALL 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 0  
FLAMMABILITY 1  
REACTIVITY 0  
BASIS

## HAZARD RATINGS KEY:

4 = HIGHEST

0 = LOWEST

**3. PHYSICAL DATA**

BOILING POINT: N/A

POUR POINT: -40 DEG. F

VISCOSITY: 96.9 CST @ 40 DEG. C

SPECIFIC GRAVITY: 0.92

VAPOR DENSITY: GREATER THAN AIR

PERCENT VOLATILE: NEGLIGIBLE

SOLUBILITY IN WATER: NEGLIGIBLE

EVAPORATION RATE: NOT VOLATILE, SLOWER THAN BUTYL ACETATE

APPEARANCE: LIGHT STRAW COLORED FLUID

ODOR: MILD ESTER ODOR

**4. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: 480 DEG. F (249 DEG. 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 29 CFR 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

## 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

## 7. HANDLING AND STORAGE



EXPOSURE GUIDELINES:

NOT ESTABLISHED. OSHA TLV/TWA 5 MG/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.

## 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.

**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.

**10.**

PREPARED BY: INGERSOLL-RAND

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