

PICK REQ: 0139596995
MSDS: A2960

ITEM: 4M578

MATERIAL SAFETY DATA SHEET (MSDS)

Air Compressor Oil
For Transportation

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - A2960

Associated Grainger Items

4M578, 4M579, 4M580, 4M581

T30 SELECT (TM)

T-30 Select

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: 9/27/01

T30 SELECT (TM) 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.

HAZARD MATERIALS IDENTIFICATION SYSTEM (HMIS):

HEALTH 1

FLAMMABILITY 1

REACTIVITY 0

BASIS

-----3. PHYSICAL DATA -----

BOILING POINT: >660 DEG. F

POUR POINT: -30 DEG. F

VAPOR PRESSURE: <0.01 MMHg @ 300 DEG. F

SPECIFIC GRAVITY: 0.96 @ 15.5 DEG.

VAPOR DENSITY: GREATER THAN AIR

PERCENT VOLATILE: NEGLIGIBLE

SOLUBILITY IN WATER: NIL

EVAPORATION RATE: NOT VOLATILE

APPEARANCE: ORANGE-COLORED FLUID

INCOMPATIBILITY:

AVOID CONTACT WITH STRONG OXIDIZERS SUCH AS LIQUID CHLORINE, CONCENTRATED

ODOR: MILD ESTER ODOR

-----4. FIRE AND EXPLOSION HAZARD DATA -----

FLASH POINT: 490 DEG. F (254 DEG. C)

METHOD USED: COC

AUTO IGNITION TEMPERATURE: 800 DEG. F (427 DEG. C)

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

BREATHING APPARATUS AND FULL TURN-OUT GEAR TO LIGHT FIRE. WATER OR FOAM MAY CAUSE FROTHING.

SPECIAL FIRE AND EXPLOSION HAZARD: NONE EXPECTED

-----5. HEALTH HAZARD -----

THRESHOLD LIMIT VALUE:

NOT ESTABLISHED (TREAT AS MINERAL OIL: 5 MG/METER CUBED).

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): NOT ESTABLISHED

EYES: MILD IRRITATION

SYSTEMIC & OTHER EFFECTS: NOT ESTABLISHED

-----6. REACTIVITY DATA -----

STABILITY: STABLE. WILL NOT REACT VIOLENTLY WITH WATER.

EYES:

98

HAZARDOUS DECOMPOSITION: BURNING WILL PRODUCE TOXIC FUMES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: OPEN FLAMES

-----7. HANDLING PRECAUTIONS -----

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 CHEMICAL SPLASH GOGGLES WHEN CONTACT MAY OCCUR.

SPECIAL HANDLING AND STORAGE:

IF SPLASHING OCCURS, USE APRON. DO NOT GET IN EYES, ON SKIN OR CLOTHING.

WASH THOROUGHLY AFTER HANDLING.

-----8. ENVIRONMENTAL AND DISPOSAL INFORMATION -----

STEPS TO BE TAKEN IN CASE OF SPILLS:

PREVENT SPREAD OF SPILL. ABSORB WITH SAND OR AN INERT, ABSORBENT MATERIAL.

WEEP OR SCOOP UP AND PLACE IN A DISPOSAL CONTAINER.

WASTE DISPOSAL METHOD:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE OR FEDERAL LAWS.

-----9. FIRST AID -----

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 -----

PREPARED BY: INGERSOLL-RAND

NOTE:

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