

ITEM: 4M578 - OIL COMPRESSOR 1 QT

A02/056

PICK REQ: 1137311117

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: A6171

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

MATERIAL SAFETY DATA SHEET - A6171

Associated Grainger Item: 4M578 - OIL COMPRESSOR 1 QT

T30 SELECT(TM)

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: 01/01/2002

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 1
FLAMMABILITY 1
REACTIVITY 0
BASIS

HAZARD RATINGS KEY:

4 = HIGHEST
0 = LOWEST

3. PHYSICAL DATA

BOILING POINT: >660 DEG.
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: LIGHT STRAW COLORED FLUID
ODOR: MILD ESTER ODOR

4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 490 DEG. F (254 DEG. C)
METHOD USED: COC
AUTO IGNITION TEMPERATURE: 770 DEG. F (410 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 POSITIVE PRESSURE BREATHING APPARATUS AND FULL PROTECTIVE GEAR TO FIGHT 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
INHALATION (ACUTE): NOT ESTABLISHED
EYES: MILD IRRITATION.
SYSTEMIC & OTHER EFFECTS: NOT ESTABLISHED

6. REACTIVITY DATA

STABILITY: STABLE. WILL NOT REACT VIOLENTLY WITH WATER.
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.

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 CHEMICAL SPLASH GOGGLES WHEN CONTACT MAY OCCUR.
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, ABSORBENT 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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