

PRODUCT CODE NO. : REDCBOIL-106
Christenson Oil MSDS #8

ISSUE DATE: 12/13

MANUFACTURER:

CHRISTENSON OIL
3821 N.W. ST. HELENS ROAD
PORTLAND, OREGON 97210

Transportation Emergencies:
CALL CHEMTREC
(800) 424-9300 Cont. U.S.

CONTACT FOR FURTHER INFORMATION:
CALL (503) 228-9461

PRODUCT IDENTIFICATION

PRODUCT NAME : AERO-TAC RED
SYNONYMS : AERO-TAC RED
GENERIC NAME : INDUSTRIAL OIL
CHEMICAL FAMILY : PETROLEUM HYDROCARBON
DOT PROPER SHIPPING NAME : NOT APPLICABLE
ID NUMBER : NONE

PAR OIL

SECTION I INGREDIENTS TLV UNITS AGENCY TYPE

OIL MIST, IF GENERATED 5.00 MG/M3 OSHA FULL TERM TWA

THE IDENTITIES OF INGREDIENTS THAT ARE TRADE SECRETS ARE EXCLUDED FROM THIS LIST.

SECTION II - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT :

FOR DIRECT CONTACT, FLUSH THE AFFECTED EYE(S) WITH CLEAN WATER. IF IRRITATION OR REDNESS DEVELOPS, SEEK MEDICAL ATTENTION.

SKIN CONTACT:

DO NOT USE GASOLINES, THINNERS OR SOLVENTS TO REMOVE PRODUCT FROM SKIN. WIPE MATERIAL FROM SKIN AND REMOVE CONTAMINATED CLOTHING. CLEANSE AFFECTED AREA(S) THOROUGHLY BY WASHING WITH SOAP AND WATER AND, IF NECESSARY, A WATERLESS SKIN CLEANSER. IF IRRITATION OR REDNESS DEVELOPS AND PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION (BREATHING):

IF IRRITATION OF NOSE OR THROAT DEVELOPS, MOVE AWAY FROM SOURCE OF EXPOSURE AND INTO FRESH AIR. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. IF VICTIM IS NOT BREATHING OR IF BREATHING DIFFICULTIES DEVELOP, ARTIFICIAL RESPIRATION OR OXYGEN SHOULD BE ADMINISTERED BY QUALIFIED PERSONNEL. SEEK IMMEDIATE MEDICAL ATTENTION.

INGESTION (SWALLOWING):

IF VICTIM IS CONSCIOUS AND ALERT, GIVE 2 TO 3 CUPS OF MILK OR WATER TO DRINK. SEEK MEDICAL ATTENTION. TO PHYSICIAN: EMESIS OR LAVAGE IS NOT RECOMMENDED FOR INGESTIONS OF MINUTE QUANTITIES OR TASTES OF MOST HYDROCARBONS. MEDICAL OPINION IS DIVIDED FOR LARGER INGESTIONS. EMESIS OR LAVAGE HAS BEEN RECOMMENDED FOR THOSE PETROLEUM PRODUCTS WHICH HAVE A HIGH ORAL TOXICITY. GASTRIC LAVAGE WITH A CUFFED ENDOTRACHEAL TUBE IS RECOMMENDED BY SOME PHYSICIANS TO PREVENT ASPIRATION.

SECTION III - POTENTIAL ADVERSE HEALTH EFFECTS

EYE CONTACT :

THIS MATERIAL MAY CAUSE EYE IRRITATION. DIRECT CONTACT MAY CAUSE BURNING, TEARING AND REDNESS.

SKIN CONTACT:

THIS MATERIAL MAY CAUSE SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY CAUSE REDNESS, BURNING AND DERMATITIS.

INHALATION (BREATHING):

EXPOSURE TO MISTS, OR PROLONGED OR REPEATED EXPOSURE TO FUMES OR VAPORS THAT MAY BE GENERATED WHEN THIS MATERIAL IS HEATED, MAY CAUSE IRRITATION OF NOSE AND THROAT.

INGESTION (SWALLOWING):

ACCIDENTAL INGESTION OF THIS MATERIAL MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT.

COMMENTS:

USED MOTOR OIL: FOLLOWING REPEATED SKIN APPLICATIONS, ANIMAL STUDIES HAVE SHOWN THAT USED MOTOR/CRANKCASE OILS HAVE CAUSED AN INCREASED INCIDENCE OF SKIN CANCER IN MICE. IT IS THEREFORE RECOMMENDED THAT PROLONGED OR REPEATED CONTACT WITH MOTOR/CRANKCASE OILS BE AVOIDED.

SECTION IV - SPECIAL PROTECTION INFORMATION

VENTILATION :

IF CURRENT VENTILATION PRACTICES ARE NOT ADEQUATE IN MAINTAINING AIRBORNE CONCENTRATIONS BELOW THE ESTABLISHED EXPOSURE LIMITS(SEE SECTION I) , ADDITIONAL VENTILATION OR EXHAUST SYSTEMS MAY BE REQUIRED.

RESPIRATORY PROTECTION :

IF AIRBORNE CONCENTRATIONS EXCEED RECOMMENDED EXPOSURE LIMITS, A SUITABLE FILTER-TYPE RESPIRATOR SHOULD BE WORN. (SEE SECTION I.)

PROTECTIVE GLOVES:

THE USE OF GLOVES IMPERMEABLE TO THE SPECIFIC MATERIAL HANDLED IS ADVISED TO PREVENT SKIN CONTACT AND POSSIBLE IRRITATION.

EYE PROTECTION :

APPROVED EYE PROTECTION TO SAFEGUARD AGAINST POTENTIAL EYE CONTACT, IRRITATION OR INJURY IS RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT:

IT IS SUGGESTED THAT A SOURCE OF CLEAN WATER BE AVAILABLE IN WORK AREA FOR FLUSHING EYES AND SKIN. BARRIER CREAMS THAT ARE SPECIFIC FOR OIL-BASED MATERIALS ARE RECOMMENDED WHEN GLOVES ARE IMPRACTICAL.

SECTION V - REACTIVITY DATA

STABILITY :

STABLE

INCOMPATIBILITY (MATERIALS TO AVOID):

AVOID CONTACT WITH STRONG OXIDIZING AGENTS. EXTENDED EXPOSURE TO HIGH TEMPERATURES MAY CAUSE DECOMPOSITION.

HAZARDOUS DECOMPOSITION PRODUCTS:

NORMAL COMBUSTION FORMS CARBON DIOXIDE AND WATER VAPOR; INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION:

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SECTION VI - SPILL OR LEAK PROCEDURES

*** HIGHWAY OR RAILWAY SPILL ***
CALL CHEMTREC 800-424-9300 CONT.

PRECAUTIONS IN CASE OF RELEASE OR SPILL:

COLLECT LEAKING LIQUID IN SEALABLE CONTAINERS. ABSORB SPILLED LIQUID IN SAND OR INERT ABSORBANT. CONTACT FIRE AUTHORITIES AND APPROPRIATE STATE/LOCAL AGENCIES. IF SPILL OF ANY AMOUNT IS MADE INTO OR UPON U.S. NAVIGABLE WATERS, THE CONTIGUOUS ZONE, OR ADJOINING SHORELINES, NOTIFY COAST GUARD NATIONAL RESPONSE CENTER (PHONE NUMBER 800-424-8802).

WASTE DISPOSAL METHOD :

DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, COUNTY, STATE, AND FEDERAL REGULATIONS.

SECTION VII - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS:

STORE IN A COOL, DRY LOCATION. KEEP AWAY FROM INCOMPATIBLE MATERIALS (SEE SECTION V). AVOID GENERATING OIL MISTS WHILE HANDLING. AVOID PROLONGED OR REPEATED SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING. FOR USED MOTOR OIL: LAUNDRER SATURATED CLOTHING BEFORE WEARING AND DISCARD OIL-SOAKED SHOES AND UNWASHABLE CLOTHING.

SECTION VIII - FIRE AND EXPLOSION HAZARD DATA

| | | | | | |
|-------------------------|------------------|----------------|---------------|------------------------------------|----------------------------|
| NFPA HAZARD CLASS | HEALTH HAZARD: 0 | HAZARD RANKING | | DOT FLAMMABILITY CLASSIFICATION | FLASH PO CLASSIFICATION |
| | FLAMMABILITY: 1 | 0 = LEAST | NOT REGULATED | | |
| | REACTIVITY: 0 | 1 = SLIGHT | | | |
| | OTHER: 0 | 2 = MODERATE | | | |
| | 3 = HIGH | | | | |
| | | 4 = EXTREME | | | |

EXTINGUISHING MEDIA:

EXTINGUISH WITH DRY CHEMICAL, CO2, WATER SPRAY, FOAM, SAND OR EARTH. WATER AND FOAM MAY CAUSE FROTHING.

FIRE & EXPLOSION HAZARDS:

THIS MATERIAL WILL BURN, BUT WILL NOT IGNITE READILY.

FIRE FIGHTING PROCEDURES:

WATER SPRAY MAY BE USEFUL IN MINIMIZING VAPORS AND COOLING CONTAINERS EXPOSED TO HEAT AND FLAME. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES. MOVE UNDAMAGED CONTAINERS FROM FIRE AREA IF YOU CAN DO SO WITHOUT RISK.

SECTION IX - PHYSICAL DATA

| | | | |
|---|-----------------------------------|--|--------------------------|
| APPROX BOILING POINT ABOVE 600 F (316) C | VAPOR DENSITY HEAVIER THAN AIR | EVAPORATION RATE SLOWER THAN ETHER. | % VOLITILE NEGLEGIBLE |
| % SOLUBILITY IN WATER NEGLEGIBLE | SPECIFIC GRAVITY 0.85-0.92 | APPEARENCE CLEAR RED LIQUID | |

ODOR
CHARACTERISTIC

SECTION X - PRECAUTIONARY LABEL

CAUTION: USED MOTOR OIL IS A POSSIBLE SKIN CANCER HAZARD BASED ON TESTS WITH LABORATORY ANIMALS. AVOID PROLONGED OR REPEATED SKIN CONTACT. AVOID MAKING OR BREATHING OIL MIST. USE ADEQUATE VENTILATION. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.

SECTION XI - DOCUMENTARY INFORMATION

ISSUE DATE NOV. 1, 1985 PRODUCT CODE NO. REDCBOIL-106
PREV. DATE PREV. PROD. CODE NO.

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