

WAUKEE ENGINEERING CO INC -- COMPRESSOR OIL -- 9150-01-087-3990

===== Product Identification =====

Product ID:COMPRESSOR OIL

MSDS Date:10/01/1995

FSC:9150

NIIN:01-087-3990

MSDS Number: CCZCQ

=== Responsible Party ===

Company Name:WAUKEE ENGINEERING CO INC

Address:5600 WEST FLORIST AVE

City:MILWAUKEE

State:WI

ZIP:53218

Country:US

Info Phone Num:414-462-8200

Emergency Phone Num:414-462-8200

CAGE:298

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=== Contractor Identification ===

Company Name:WAUKEE ENGINEERING CO INC

Address:5600 WEST FLORIST AVE

Box:City:MILWAUKEE

State:WI

ZIP:53218

Country:US

Phone:414-462-8200

CAGE:29827

===== Composition/Information on Ingredients =====

Ingred Name:BASE OILS CONTAINING INGREDIENT 1 AND/OR 2

RTECS #:9999999ZZ

Fraction by Wt: 95%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:PETROLEUM DISTILLATES; (DISTILLATES (PETROLEUM),
HYDROTREATED HEAVY PARAFFINIC)

OSHA PEL:N/K

ACGIH TLV:N

/K

Ingred Name:PETROLEUM DISTILLATES; (DISTILLATES (PETROLEUM),
SOLVENT-REFINED HEAVY PARAFFINIC)
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:PHOSPHORIC ACID ESTERS; (PHOSPHORIC ACID, TRIS
(METHYLPHENYL) ESTER)
Fraction by Wt: 0.05%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:PHOSPHORODITHOIC ACID, O-O-D1 C1-14-ALKYL ESTERS, ZINC
SALTS (2:1) (ZDDP)
CAS:68649-42-3
Fraction by Wt: 0.06%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:SPILL PROC: TO APPROP AUTHS. US COAST GUARD REGS REQUIRE
IMMED REPORTING OF SPILLS THAT COULD REACH ANY WATERWAY (ING 7)
RTECS #:9999999ZZ

Ingred Name:ING 6: INCLUDING INTERMITTENT DRY CREEKS. REPORT SPILL TO
COAST GUARD TOLL FREE NUMBER 1-800-424-8802. IN CASE (ING 8)
RTECS #:9999999ZZ

Ingred Name:ING 7: OF ACCIDENT OR ROAD SPILL NOTIFY CHEMTREC
1-800-424-9300.
RTECS #:9999999ZZ

Ingred Name:WASTE DISP METH: OR CAN BE DISPOSED OF AT ANY GOVT APPROVED
WASTE DISPOSAL FACILITY. USE OF THESE METHODS IS (ING 10)
RTECS #:9999999ZZ

Ingred Name:ING 9: SUBJECT TO USER COMPLIANCE WITH APPLIC FEDERAL,
STATE & LOCAL LAWS & REGS & CONSIDERATION OF PROD (ING 11)
RTECS #:9999999ZZ

Ingred Name:ING 10: CHARACTERISTICS AT TIME OF DISPOSAL.
RTECS #:9999999ZZ

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SLIGHT SKIN IRRITATIO

N. SUBCHRONIC

TOXICOLOGY: SEVERELY SOLV REFINED & SEVERELY HYDROTREATED MINERAL BASE OILS HAVE BEEN TESTED BY DERMAL APPLICATN TO RATS 5 DAYS/WK FOR 90 DAYS AT DOSES SIGNIFICANTLY HIGHER THAN THOSE EXPECTED DURING NORMINDUSTRIAL EXPOS. EXTENSIVE EVALUATIONS INCLUDING MICROSCOPIC (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: EXAM OF INTERNAL ORGANS & CLINICAL CHEM OF BODY FLUIDS SHOWED NO ADVERSE EFTS. CHRONIC TOXICOLOGY: THE

BASE OILS IN THIS PROD ARE SEVERELY SOLVENT REFINED AND/OR SEVERELY HYDROTREATED. CHRONIC MOUSE SKIN PAINTING STUDIES OF SIMILAR OILS SHOWED NO EVIDENCE OF CARCINOGENIC EFFECTS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE OXYGEN/ARTIFICIAL RESPIRATION) . EYES: FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, CALL MD. SKIN: WASH CONTACT AREAS WITH SOAP AND WATER. INGESTION:NOT EXPECTED TO BE A PROBLEM WHEN INGESTED. IF UNCOMFORTABLE SEEK MEDICAL ASSISTANCE.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:>405F,>207C

Lower Limits:0.6%

Upper Limits:7.0%

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.

Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP .

WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE EXPOSED CONTNRS COOL. WATER SPRAY MAY BE USED (SUPDAT)

Unusual Fire/Explosion Hazard:NONE.

===== Accidental Release Measures =====

Spill Release Procedures:ABSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP & DISPOSE OF AT AN APPROP WASTE DISP FACILITY I/A/W CURRENT APPLIC FED, STATE & LOCAL LAWS & REGS & PROD CHARACTERISTICS AT TIME OF DISPOSAL. REPORT SPILLS AS REQD (ING 6)

Neutralizi

ng Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:NO SPECIAL PRECAUTIONS REQUIRED.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION. USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:NO S

PECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER .

Work Hygienic Practices:GOOD PERSONAL HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.

Supplemental Safety and Health

FIRE FIGHT PROC: TO FLUSH SPILLS AWAY FROM EXPOSURE. FOR FIRES IN ENCLOSED AREAS, FIREFIGHTERS MUST USE NIOSH APPRVD SCBA. PREVENT

RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS, SEWERS OR DRINKING WATER SUPPLY.

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:>600F,>316C

Vapor Pres: