



CAMPBELL HAUSFELD AIR TOOL OIL, 04215

MSDS Number

CJVXL

National Stock Number

9150-00N092960

Product Name

CAMPBELL HAUSFELD AIR TOOL OIL, 04215

Manufacturer

76 PRODUCTS CO

Product Identification

Product ID: CAMPBELL HAUSFELD AIR TOOL OIL, 04215

MSDS Date: 12/19/1994

FSC: 9150

NIIN: 00N092960

Status Code: A

MSDS Number: CJVXL

Responsible Party

76 PRODUCTS CO

1201 W 5TH ST

LOS ANGELES, CA 90017

US

Emergency Phone: 800-356-3129

Info Phone: 213-977-7589

Cage: 23034

Contractor

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Ingredients

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; (SOLVENT

CAS: 64742-88-7

OSHA PEL100 PPM

ACGIH TLV: 100 PPM

OIL MIST

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3

STODDARD SOLVENT

CAS: 8052-41-3

RTECS: WJ8925000



OSHA PEL2900 MG/M3;500 PPM
ACGIH TLV: 525 MG/M3;100 PPM

HYDROTREATED HEAVY PARAFFINIC DISTILLATE (PETROLEUM);

CAS: 64742-54-7
RTECS: PY8035500
OSHA PEL5 MG/M3
ACGIH TLV: 5 MG/M3

SOLVENT DEWAXED HEAVY PARAFFINIC DISTILLATE (PETROLEUM);

CAS: 64742-65-0
RTECS: PY8038500
OSHA PEL5 MG/M3
ACGIH TLV: 5 MG/M3

SOLVENT DEWAXED LIGHT PARAFFINIC DISTILLATE (PETROLEUM);

CAS: 64742-56-9
RTECS: PY8039500
OSHA PEL5 MG/M3
ACGIH TLV: 5 MG/M3

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: CNTCT MAY CAUSE MILD EYE IRRIT INCLUDING STINGING, WATERING & REDNESS. SKIN: SKIN IRRITANT. CNTCT MAY CAUSE REDNESS, BURNING, DRYING & CRACKING OF SKIN & SKIN DMG. NO HARMFUL EFTS FROM SKIN ABSORPTION HAVE BEEN REPORTED. INHAL: NO INFO AVAIL. STUDIES BY OTHER EXPOS ROUTES SUGGEST LOW DEGREE OF TOXICITY BY INHAL. INGEST: LOW DEGREE OF TOXICITY BY INGEST. ASPIR HAZ - THIS MATL CAN ENTER LUNGS DURING SWALLOWING OR VOMITING & CAUSE LUNG INFLAMMATION & DMG. EFTS OF OVEREXP MAY INCLUDE IRRIT OF NOSE & THROAT, IRRIT OF DIGESTIVE TRACT & SIGNS OF NERVOUS SYSTEM DEPRESS (EG, HDCH, DROW, DIZZ, LOSS OR COORD & FATG). (EFTS OF OVEREXP)

Effects of Overexposure:HLTH HAZS: CANCER: INADEQ DATA AVAIL TO EVALUATE CANCER HAZ OF THIS MATL. SEE SECTION 11 FOR CARCINOGENICITY INFO ON INDIVIDUAL COMPONENTS. TARGET ORGANS: INADEQ DATA AVAIL FOR THIS MATL. SEE SECTION 11 FOR TARGET-ORGAN TOXICITY INFO OF INDIVIDUAL COMPONENTS. DEVELOPMENTAL: INADEQ DATA AVAIL FOR THIS MATL. SEE SECTION 11 FOR DEVELOPMENTAL TOXICITY INFO ON INDIVIDUAL COMPONENTS. OTHER COMMENTS: REPORTS HAVE ASSOC RPTD & PRLNGD OCCUPATIONAL OVEREXP TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM DMG (SOMETIMES REFERRED TO AS SOLVENT OR PAINTERS' SYNDROME). INTENTIONAL MISUSE BY DELIB CONC & INHAL MATL MAY BE HARMFUL OR FATAL.

Medical Cond Aggravated by Exposure:CONDITIONS AGGRAVATED BY EXPOSURE MAY INCLUDE SKIN DISORDERS AND RESPIRATORY (ASTHMA-LIKE) DISORDERS.

First Aid

First Aid:EYE: IF IRRIT/REDNESS DEVELOPS, MOVE AWAY FROM EXPOS & INTO FRESH AIR. FLUSH EYES W/CLEAN WATER FOR AT LST 15 MIN. IF SYMPS PERSIST, SEEK MED ATTN. SKIN: WIPE MATL FROM SKIN, REMOVE CONTAM SHOES & CLT HG & FLUSH AFFECTED AREA(S) W/LG AMTS OF WATER. IF SKIN SURF DAMAGED, APPLY CLEAN DRESSING & SEEK MED ATTN. IF SKIN SURF NOT DAMAGED, CLEANSE AFFECTED AREA(S) THOROUGHLY BY WASHING W/MILD



SOAP & WATER &, IF NEC, WATERLESS SKIN CLEANSER. IF IRRIT/REDNESS DEVELOPS, SEEK MED ATTN. INHAL: IF RESP SYMPS DEVELOP, MOVE AWAY FROM EXPOS SOURCE & INTO FRESH AIR. IF SYMPS PERSIST, SEEK MED ATTN. IF VICTIM NO T BRTHG, IMMEDI BEGIN ARTF (SUPDAT)

Fire Fighting

Flash Point Method:PMCC
Flash Point: =170.C, 338.F
Lower Limits:NO DATA
Upper Limits:NO DATA
Extinguishing Media:DRY CHEM, CARBON DIOXIDE, HALON, FOAM OR WATER SPRAY RECOM. WATER/FOAM MAY CAUSE FROTHING OF MATLS HEATED >212F. HALON MAY DECOMPOSE INTO TOX MATLS. CARBON (STATE REG INFO)
Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP . IN ADDN, WEAR OTHER APPROP PROT EQUIP AS CNDTNS WARRANT. ISOLATE DMG AREA, KEEP UNAUTH PERS OUT. STOP SPILL/RELS IF IT CAN BE DONE W/MINIMAL RISK. MOVE UNDAMAGED CNTNRS FROM DANGER AREA IF IT CAN BE DONE W/MINIMAL RISK. WATER SPRAY MAY BE (STATE REG INFO)
Unusual Fire/Explosion Hazard:THIS MATERIAL MAY BURN, BUT WILL NOT IGNITE READILY. VAPORS ARE HEAVIER THAN AIR AND CAN ACCUMULATE IN LOW AREAS. IF CONTAINER IS NOT PROPERLY COOLED, IT CAN EXPLODE IN THE HEAT OF A FIRE. OSHA FLAMMA BILITY CLASS: NOT REGULATED. BURN RATE: (SOLIDS ONLY): NO DATA.

Accidental Release

Spill Release Procedures:MAY IGNITE. KEEP ALL IGNIT SOURCES AWAY. USE EXPLO-PROOF EQUIP. STAY UPWIND & AWAY FROM AREA. ISOLATE DANGER AREA & KEEP UNAUTH PERS OUT. STOP SPILL/RELS IF IT CAN BE DONE W/MINIMAL RISK. WEAR APPROP PROT EQUIP INCL NIOSH APPRVD RESP PROT AS CNDTNS WARRANT. PVNT SPILL MATL FROM ENTERING SEWERS, STORM DRAINS, OTHER UNAUTH TREATMENT DRAINAGE SYS & NATRL WATERWAYS. DIKE FAR AHEAD (TOXICOLOGICAL INFO)

Handling

Handling and Storage Precautions:KEEP CNTNR(S) TIGHTLY CLSD. USE & STORE MATL IN COOL, DRY, WELL-VENTD AREAS AWAY FROM HEAT & ALL IGNIT SOURCES. STORE ONLY IN APPRVD CNTNRS. KEEP AWAY FROM ANY INCOMPAT MATL. PROTECT CNTNR(S) AGAINST PHYSICAL DMG. DO NOT ENTER CONFINED SPACES SUCH AS TANKS/PITS W/OUT FOLLOWING (TRANSPORT INFO)
Other Precautions:"EMPTY" CNTNRS RETAIN RESIDUE (LIQ &/OR VAP) & MAY BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CNTNRS TO HEAT, FLAME, SPKS OR OTHER IGNIT SOURCES. THEY MAY E XPLODE & CAUSE INJURY/DEATH. "EMPTY" DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED & PROMPTLY (SARA REG INFO)

Exposure Controls

Respiratory Protection:THE USE OF NIOSH APPROVED RESPIRATORY PROTECTION IS ADVISED WHEN CONCENTRATIONS ARE EXPECTED TO EXCEED THE ESTABLISHED EXPOSURE LIMITS (SEE INGREDIENT SECTION). DEPENDING ON THE AIRBORNE CONCENTRATION , USE A NIOSH APPROVED RESPIRATOR WITH APPROPRIATE CARTRIDGES OR SUPPLIED AIR RESPIRATOR.
Ventilation:IF CURRENT VENT PRACTICES ARE NOT ADEQUATE TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW THE ESTABLISHED EXPOSURE LIMITS, ADDNL VENT OR EXHAUST SYSTEMS MAY BE REQD.
Protective Gloves:IMPERMEABLE GLOVES.
Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:EYE WASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA . IT IS RECOMMENDED THAT IMPERVIOUS CLOTHING BE WORN.
Work Hygienic Practices:THOROUGHLY CLEAN SHOES AND WASH CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
FIRST AID PROC: RESP. IF BRTHG DFCLTY DEVELOPS, OXYG SHOULD BE ADMIN BY QUALIFIED PERS. SEEK IMMEDI MED ATTN. INGEST: ASPIR HAZ. DO NOT INDUCE VOMIT/GIVE ANYTHING BY MOUTH BECAUSE MATL CAN ENTER LUNGS & CAUSE SEV LUNG DMG. IF DROWSY/UNCON, PLACE ON LEFT SIDE W/HEAD DOWN. IF POSS, DO NOT LEAVE UNATTENDED. SEEK MED ATTN.



Chemical Properties

Boiling Pt: >179.4C, 355.F
Melt/Freeze Pt: M.P/F.P Text: NO DATA
Vapor Pres: NO DATA
Vapor Density: >1 (AIR=1)
Spec Gravity: 0.85
pH: NO DATA
Viscosity: 12.5 CST @ 40C
Evaporation Rate & Reference: Solubility in Water: NEGLIGIBLE
Appearance and Odor: CLEAR YELLOW LIQUID; CHARACTERISTIC PETROLEUM ODOR.
Percent Volatiles by Volume: 30.5

Stability

Stability Indicator/Materials to Avoid: YES
AVOID CONTACT WITH STRONG OXIDIZING AGENTS.
Stability Condition to Avoid: EXTENDED EXPOSURE TO HIGH TEMPERATURES CAN CAUSE DECOMPOSITION. STABLE UNDER NORMAL CONDITIONS OF STORAGE AND HANDLING.
Hazardous Decomposition Products: COMBUSTION CAN YIELD MAJOR AMOUNTS OF OXIDES OF CARBON AND MINOR AMOUNTS OF OXIDES OF SULFUR AND NITROGEN.

Disposal

Waste Disposal Methods: MATL AS PRDCED, IS NOT EPA "LISTED" HAZ WASTE, BUT HAS NOT BEEN EVALUATED USING TOXICITY CHARACTERIZATION PROC. EPA HAZ WASTE CLASSIFICATION HAS NOT BEEN DETERMINED. EMPTY CONTNRS MUST BE HANDLED W/CARE DUE TO MATL RESIDUE. EMPTY DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED & PROMPTLY RETURNED TO SUPPLIER OR SHIPPED TO (ECOLOGICAL INFO)

Toxicology

Toxicological Information: NO DEFINITIVE INFO AVAILABLE ON CARCINOGENICITY, MUTAGENICITY, TARGET ORGANS OR DEVELOPMENTAL TOXICITY. --SPILL PROC: OF SPILL FOR LATER RECOVERY OR DISPOSAL. SPILLED MATL MAY BE ABSORBED INTO AN APPROPRIATE ABSORBENT MATL. NOTIFY FIRE AGENCIES & APPROPRIATE FED, STATE & LOCAL AGENCIES. IMMEDIATE CLEANUP OF ANY SPILL IS RECOMMENDED. IF SPILL OF ANY AMOUNT IS MADE INTO OR UPON NAVIGABLE WATERS, THE CONTIGUOUS ZONE, OR ADJACENT SHORELINES, NOTIFY NATIONAL RESPONSE CENTER (PHONE NUMBER 800-424-8802).

Other Information

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Ecology

Ecological: N/P. --WASTE DISPOSAL METHOD: DRUM RECONDITIONER. ALL OTHER CONTNRS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER & I/A/W GOVERNMENTAL REGS. ANY RINSEATE MAY BE CONSIDERED RCRA HAZ WASTE & MUST BE DISPOSED OF W/CARE. STATE & LOCAL REQs FOR WASTE DISPOSAL MAY BE MORE RESTRICTIVE OR OTHERWISE DIFFERENT FROM FED REGS. CONSULT FEDERAL, STATE & LOCAL REGS REGARDING PROPER DISPOSAL OF THIS MATL.

Transport

Transport Information: HAZARD CLASS OR DIVISION: NOT REGULATED.
--HANDLING/STORAGE PRECS: PROPER ENTRY PROCEDURES SUCH AS ASTM D-4276 & 29 CFR 1910.146. USE OF NIOSH APPROVED RESP PROT IS ADVISED WHEN CONCS EXCEED ANY ESTABLISHED EXPOS LIMITS. WASH THOROUGHLY AFTER HANDLING. DO NOT WEAR CONTAM CLOTHING & SHOES. USE GOOD PERSONAL HYGIENE PRACTICE.



Regulatory

SARA Title III Information: THIS MATERIAL CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA 313 AND 40 CFR 372: NONE. --OTHER PRECS: SHIPPED TO SUPPLIER OR DRUM RECONDITIONER. ALL CNTNRS SHOULD BE DI SPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER & I/A/W FEDERAL, STATE & LOCAL GOVT REGS. BEFORE WORKING ON OR IN TANKS WHICH CONTAIN OR HAVE CONTAINED THIS MATL, REFER TO OCCUPATIONAL SAFETY & HEALTH ADM INISTRATION REGS, ZNSI Z49.1 & OTHER GOVERNMENTAL & INDUSTRIAL REFERENCES PERTAINING TO CLEANING, REPAIRING, WELDING OR OTHER CONTEMPLATED OPERATIONS.

Federal Regulatory Information: THIS MATERIAL HAS NOT BEEN IDENTIFIED AS A CARCINOGEN BY NTP, IARC OR OSHA. FOR CARCINOGENICITY INFO ON INDIVIDUAL COMPONENTS, SEE SECTION 11, TOXICOLOGICAL INFO. EPA (CERCLA) REPORTABLE QUANTITY: NON E.

State Regulatory Information: WARNING: THIS MATERIAL CONTAINS THE FOLLOWING CHEMICALS WHICH ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM, AND ARE SUBJECT TO THE REQUIREMENTS OF CAL IFORNIA PROPOSITION 65 (CA HEALTH & SAFETY CODE SECTION 25249.5): NONE KNOWN. --EXTING MEDIA: DIOXIDE CAN DISPLACE OXYGEN. USE CAUTION WHEN APPLYING HALON OR CARBON DIOXIDE IN CONFINED SPACES. --FIRE FIGHT PROC: USEFUL IN MINIMIZING OR DISPERSING VAPS. COOL EQUIP EXPOSED TO FIRE W/WATER, IF IT CAN B E DONE W/MINIMAL RISK. AVOID SPREADING BURNING LIQUID W/WATER USED FOR COOLING PURPOSES.