CAMCO MFG INC -- WINDSHIELD WASHER FLUID-20, 30907 -- 7930-00N088464

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

Product ID: WINDSHIELD WASHER FLUID-20, 30907
MSDS Date: 04/22/1997
FSC: 7930
NIIN: 00N088464
MSDS Number: CHPCZ

=== Responsible Party ===
Company Name: CAMCO MFG INC
Address: 121 LANDMARK DR
City: GREENSBORO
State: NC
ZIP: 27409
Country: US
Info Phone Num: 910-668-7661
Emergency Phone Num: 800-334-2004
CAGE: GO309

=== Contractor Identification ===
Company Name: CAMCO MANUFACTURING INC
Address: 121 LANDMARK DR
Box: City: GREENSBORO
State: NC
ZIP: 27409
Country: US
Phone: 919-668-7661
CAGE: 1EA43
Company Name: CAMCO MFG INC
Address: 121 LANDMARK DR
City: GREENSBORO
State: NC
ZIP: 27409-9603
Country: US
Phone: 919-668-7661
CAGE: GO309

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

Ingred Name: METHANOL; (METHYL ALCOHOL) (SARA 313) (CERCLA). VP: 96.1 @ 20C.
CAS: 67-56-1
RTECS #: PC1400000
Fraction by Wt: <21%
OSHA PEL: 200 PPM, S
ACGIH TLV: 200 PPM; 250 STEL, S
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Ingred Name: ADDITIVES
Fraction by Wt: <1%
OSHA PEL: N/K
ACGIH TLV: N/K

Ingred Name: VOLATILE ORGANIC COMPOUNDS: COATING & MATERIAL - 1.65 LB/GAL.
RTECS #: 9999999VO

Ingred Name: FIRE FIGHT PROC: PREVENT PRESSURE BUILD-UP & POSSIBLE
AUTO-IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF (ING 5)
RTECS #:9999999ZZ

Ingred Name:ING 4:WATER IS USED, FOG NOZZLES ARE PREFERABLE.
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:INHAL:_MAY CAUSE NOSE & THROAT IRRIT. HIGH CONCS MAY CAUSE ACUTE CNS DEPRESS CHARACT BY HDCHS, DIZZ, NAUS & CONFUSN. EYE CONT: MAY CAUSE IRRIT. SKIN CONT: FREQUENT/PRNLG CONT MAY CAUSE IRRIT EXPER AS BURNING, DRYING, CRACKING & REDNESS. SKIN ABSORPTION:HARMFUL QTYS OF METHYL ALCOHOL MAY EFT EYES & CNS. (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ: INGEST: MAY CAUSE NAUS, ABDOM PAIN, HDCH, SHORTNESS OF BREATH, VISUAL IMPAIRMENT & BLINDNESS. SEV POIS CAN CAUSE COMA & DEATH. INGEST OF LG AMTS OF METHYL ALCOHOL HAS BEEN SHOWN TO DMG ORGS IN CL LIVER, KIDNEY, PANCREAS, HEART, LUNGS & BRAIN. ALTHOUGH THIS RARELY OCCURS, SURVIVORS OF SEV INTOX MAY SUFFER(SUPDAP)
Medical Cond Aggravated by Exposure:OVEREXPOSURE MAY AGGRAVATE PRE-EXISTING DISORDERS OF THE EYES.

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

First Aid:INHAL:REMOVE TO FRESH AIR. IF BRTHG HAS STOPPED, APPLY ARTF RESP. IF BRTHG IS DFCLT, GIVE OXPG PROVIDED QUALIFIED OPERATOR IS AVAIL. GET MED ATTN. EYES:FLUSH W/LG QTYS OF WATER FOR AT LST 15 MINS & SE EK MED ATTN. SKIN:REMOVE CONTAM CLTHG & WASH CONTAM SKIN W/LG AMTS OF SOAP & WATER. IF IRRIT PERSISTS, GET MED ATTN. LAUNDER CLTHG BEFORE REUSE. INGEST:DO NOT INDUCE VOMIT. (NEVER GIVE (SUPP DATA)

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

Flash Point Method:PMCC
Flash Point:105F,41C
Lower Limits:7.3%
Upper Limits:36%
Extinguishing Media:FOAM, DRY CHEM, CARBON DIOXIDE/ANY CLASS B EXTING AGENT. WATER MAY BE UNSUITABLE AS EXTING MEDIUM, BUT HELPFUL (SUPDAT)
Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP . USE WATER SPRAY TO COOL FIRE EXPOS CNTNRS. WATER MAY BE INEFT, BUT MAY BE USED TO COOL EXPOS CNTNRS TO (ING 4)
Unusual Fire/Explosion Hazard:HANDLE AS FLAMM LIQ. VAPS FORM EXPLO MIXT IN AIR BTWN UPPER & LOWER EXPLO LIMS WHICH CAN BE IGNITED BY MANY SOURCES SUCH AS PILOT LIGHTS, OPEN FLAMES, (SUPDAT)

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

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Handling and Storage Precautions: AVOID PROLONGED OR REPEATED SKIN CONTACT. DO NOT SWALLOW. STORE IN CLOSED CONTAINERS IN A COOL, DRY, WELL VENTILATED AREA.

Other Precautions: KEEP AWAY FROM SPARKS & OPEN FLAME.

Respiratory Protection: USE NIOSH APPROVED RESPIRATOR WHEN TLV IS EXCEEDED.

Ventilation: PROVIDE SUFFICIENT VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves: APPROPRIATE IMPERMEABLE GLOVES.

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGLES.

Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA. LONG SLEEVES & APRON IS RECOMMENDED.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

Boiling Pt: B.P. Text: >148°F, >65°C

Vapor Pres: SEE ING 1

Vapor Density: HVR/AIR

Spec Gravity: 0.95 (H*20=1)

Evaporation Rate & Reference: GREATER/N-BUTYL ACETATE

Solubility in Water: SOLUBLE

Appearance and Odor: CLEAR BLUE LIQUID; MILD ALCOHOL ODOR.

Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES

Strong Acids & Strong Oxidizing Agents.

Stability Condition to Avoid: IGNITION SOURCES SUCH AS HEAT, SPARKS, FLAMES.

Hazardous Decomposition Products: BURNING CAN PRODUCE CARBON MONOXIDE &/OR CARBON DIOXIDE. CARBON MONOXIDE IS HIGHLY TOX IF INHALED, CARBON DIOXIDE (SUPDAT)

Disposal Considerations

Waste Disposal Methods: DISPOSE I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

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