

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

Ingrid 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/PRLNG CONT
MAY CAUSE IRRIT EXPR AS BUR NING, 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(SUPDAT)
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 OXYG 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. LAUNDRER
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 =====

Spill Release Procedures:KEEP SPECTATORS AWAY. ELIM ALL IGNIT SOURCES
(FLAMES, HOT SURFS & SOURCES OF ELEC, STATIC/FRICTIONAL SPKS). DIKE
& CNTN SPILL W/INERT MATL (E.G., SAND, EARTH). TRANSFER LIQS TO
COVERED METAL CNTNRS FO R RECOVERY/DISP, OR REMOVE W/INERT
ABSORBENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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.

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

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 APPRVD 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.

Supplemental Safety and Health

EXTING MEDIA:IN KEEPING ADJACENT CNTNRS COOL. EXPLO HAZ:ELEC MOTORS & SWITCHES. HAZ DECOMP PROD:IN SUFFICIENT CONCS CAN ACT AS ASPHY. EFTS OF OVEREXP:PERM NEUROLOGICAL DMG. FIRST AID PROC:ANYTHING BY MOUTH TO UNCONSCIOUS PERSON). CALL POISCTL CTR, HOSPITAL EMERGENCY ROOM/MD IMMED.

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

Boiling Pt:B.P. Text:>148F,>65C

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 PRDCE 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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