

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **SERVICE PRO WINDSHIELD WASHER FLUID**

VERSION 1

PG.1

PRODUCT CODE: SP11204/ SP11206 P/N 5046

DATE 4/28/2008

CHEMICAL FAMILY ALCOHOL BASED CLEANER

SECTION I COMPANY INFORMATION

MANUFACTURES NAME: CUL-MAC INDUSTRIES
ADDRESS: 3720 S. VENOY RD.
WAYNE, MI 48184
PHONE: (800) 626-5089
EMERGENCY PHONE: (800) 535-5053

SECTION II COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL	% by wt.	CAS #	OSHA PEL	ACGIH TLV
Methanol	20.00	67-56-1	200 ppm	200 TWA

SECTION III HAZARDS IDENTIFICATION

ROUTES OF ENTRY Eyes, Skin, Ingestion, Inhalation

HEALTH HAZARDS (acute & chronic) **EYES** - Causes irritation; **SKIN**: May be harmful if absorbed through skin. **INGESTION**: May be harmful if swallowed. If ingested, burns or irritation to mucus membranes, esophagus or GI tract can result. Ingestion may cause blindness. **INHALATION**: If TLV is exceeded, may cause central nervous system depression manifested by headache, dizziness, nausea, and vomiting.

CARCINOGENICITY Not listed by OSHA, IARC, OR NTP

SECTION IV FIRST AID MEASURES

SKIN CONTACT Remove contaminated clothing; wash under shower with soap and water for 15 minutes. Seek medical attention if irritation occurs.

EYE CONTACT Immediately flush eyes with water for a minimum of 15 minutes. Hold eyelids apart and roll eyes up and down to assure complete washing.

INGESTION Seek medical attention immediately. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible do not leave individual unattended.

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SECTION IV FIRST AID MEASURES (continued)

INHALATION Immediately move the patient to fresh air and call a physician. If breathing is difficult, give oxygen. If not breathing, begin artificial respiration.

SECTION V FIRE & EXPLOSION DATA

FLASH POINT 130° F

EXTINGUISHING MEDIA Use dry chemicals, CO2, water spray or alcohol-resistant foam

SPECIAL PROCEDURES Evacuate area and fight fire from a maximum distance or use unmanned hose holders or monitor nozzles.

UNUSUAL HAZARDS Vapors may travel long distances along the ground before reaching a source of ignition and flash back.

SECTION VI ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Eliminate all ignition sources. Ventilate the area, enclose with diking material and place in suitable container for reuse or disposal according to local, state, and federal regulations.

SECTION VII PRECAUTIONS FOR SAFE HANDLING & STORAGE

WASTE DISPOSAL METHOD: Incineration is the recommended disposal method. Prevent solution from entering sewers, confined spaces, drains, or waterways.

SPECIAL PRECAUTIONS: Handle in accordance with good industrial hygiene and safety precautions.

STORAGE: Store at room temperature or cooler. No smoking or open flame in storage, use or handling areas. Use explosion proof electrical equipment. Ensure proper electrical grounding procedures are in place.

SECTION VIII CONTROL MEASURES - PERSONAL PROTECTION

VENTILATION: In confined areas, local and general ventilation should be provided to maintain airborne concentrations below permissible exposure limits. Ventilation systems must be designed according to approved engineering standards.

RESPIRATORY PROTECTION NIOSH approved supplied air respirator when exposure limits are exceeded.

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SECTION VIII CONTROL MEASURES - PERSONAL PROTECTION (continued)

GLOVES	Butyl and nitrile rubbers are recommended.
EYE PROTECTION	Face shield and chemical splash goggles when transferring is taking place.
CLOTHING AND FOOTWEAR PROTECTIVE EQUIPMENT:	Wear chemical resistant pants and jackets, preferably butyl or nitrile rubber. Wear chemical resistant footwear.

SECTION IX PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	190° F	pH	7.8
FREEZING POINT	0	SPECIFIC GRAVITY	0.96
VAPOR PRESSURE	N/A	PERCENT VOLATILE	99
VAPOR DENSITY (AIR=1)	<1	APPEARANCE	blue liquid
SOLUBILITY IN WATER	COMPLETE	ODOR	alcohol
EVAPORATION RATE (BUTYL ACETATE =1)	>1		

SECTION X STABILITY AND REACTIVITY DATA

STABILITY	This product is stable
HAZARDOUS POLYMERIZATION	Will not occur
INCOMPATIBILITY (CONDITIONS TO AVOID)	Strong oxidizers, strong acids, and strong bases. Keep away from heat, sparks, open flame and static discharge.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	Carbon Monoxide

SECTION XI TOXICOLOGICAL INFORMATION

Methyl alcohol:	oral rat LD50= 5628 mg/kg; inhalation rat LC50= 64000ppm/4H; skin rabbit LD50=15800mg/kg; investigated as a tumorigen, mutagen, reproductive effector.
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SECTION XII ECOLOGICAL INFORMATION

Methyl alcohol:	Acute toxic effects may include the death of animals, birds or fish and death or low growth rate in plants. Acute effects are seen 2 to 4 days after animals or plants come in contact with a chemical substance. Chronic toxic effects may include a shortened life span, reproductive problems, lower fertility and changes in appearance or behavior. Chronic effects can be seen long after first exposure to a toxic chemical
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SECTION XIII DISPOSAL CONSIDERATIONS

WASTE DESCRIPTION

Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

GENERAL DISPOSAL CONSIDERATIONS:

Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations.

SECTION XIV TRANSPORT INFORMATION

PROPER SHIPPING NAME	CLEANING COMPOUND, LIQUID, (for gallons) Flammable Liquid, N.O.S. (contains methanol) bulk
UN/NA NUMBER	UN1993
HAZARD CLASS	3
PACKING GROUP	II
REPORTABLE QUANTITY (RQ lbs)	5000 lbs
EMERGENCY RESPONSE GUIDEBOOK	128
PLACARD/LABELS REQUIRED	Flammable

SECTION XV REGULATORY INFORMATION

OSHA HAZARDOUS CHEMICAL	yes
SARA 302 COMPONENTS	none
SARA 311/312	Immediate (x) Delayed (X) Fire () Reactive () Sudden release of Pressure ()
SARA 313 COMPONENTS	

SECTION XVI OTHER INFORMATION

HMIS	Health = 2 Flammability = 2 Reactivity = 0
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The information herein has been from sources believed to be accurate, reliable and up to date to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources and do not make any warranties nor assume any liability from its use or misuse.

