

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **MEIJERS WINDSHIELD WASHER FLUID -20** VERSION 5 PG.1
PRODUCT CODE: 2069 P/N 5057 DATE 4/13/2011
CHEMICAL FAMILY: ALCOHOL BASED CLEANER

SECTION I COMPANY INFORMATION

MANUFACTURER NAME: CUL-MAC INDUSTRIES
ADDRESS: 3720 S. VENOY RD.
WAYNE, MI 48184
PHONE: 800-626-5089
EMERGENCY PHONE (866) 214-4235 (3E COMPANY)

SECTION II COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL	% by volume	% by wt.	CAS #	OSHA PEL
METHANOL	37	31	67-56-1	200 ppm

SECTION III HAZARDS IDENTIFICATION

ROUTES OF ENTRY Skin, Eyes, Ingestion

HEALTH HAZARDS (acute & chronic) **SKIN:** May irritate and cause dermatitis. **EYES:** causes irritation and eye tissue injury. **INGESTION:** may cause irritation of the mouth and throat, nausea, and vomiting.

CARCINOGENICITY Not listed by OSHA, IARC, OR NTP

SECTION IV FIRST AID MEASURES

SKIN CONTACT Promptly remove soiled clothing/wash thoroughly before reuse. Immediately flush exposed area with soap and water for at least 10 minutes. If irritation persists, or if contact has been prolonged, obtain medical attention.

EYE CONTACT Immediately flush with tepid running water for at least 15 min., holding the eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.

INGESTION **Do not induce vomiting.** If patient is fully conscious, rinse mouth with water and drink 2 glasses of water for dilution effect. Obtain medical attention immediately. Never give anything by mouth to an unconscious person, is rapidly losing consciousness, or is convulsing.

SECTION V FIRE & EXPLOSION DATA

FLASH POINT 97° F

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

SPECIAL PROCEDURES Evacuate area and fight from a maximum distance or use unmanned hose holders or monitor nozzles. Firefighters must wear full face, positive pressure, self contained breathing apparatus.

UNUSUAL HAZARDS Methanol burns with a clear flame which is almost invisible in daylight. Stay upwind. Vapors may travel long distances along the ground before reaching a source of ignition and flash back.

PRODUCT NAME: **MEIJERS WINDSHIELD WASHER FLUID -20** VERSION 5 PG.2
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SECTION VI ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Eliminate all ignition sources. Ventilate the area and enclose with diking material. Place in suitable container for reuse or disposal.

SECTION VII PRECAUTIONS FOR SAFE HANDLING & STORAGE

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

STORAGE: Store at room temperature. Seal container after use.

SECTION VIII CONTROL MEASURES - PERSONAL PROTECTION

VENTILATION: Local exhaust
RESPIRATORY PROTECTION Not normally required if good ventilation is maintained.
SKIN PROTECTION Use impervious (rubber, nitrile) gloves to prevent skin contact.
EYE PROTECTION Eye protection such as chemical splash goggles and/or face shield must be worn when possibility exists for eye contact due to splashing or spraying liquid.

SECTION IX PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	186° F	pH	8.2
FREEZING POINT	-20° F	SPECIFIC GRAVITY	0.94
VAPOR PRESSURE	N/A	PERCENT VOLATILE	99
VAPOR DENSITY (AIR=1)	< 1	APPEARANCE	blue
SOLUBILITY IN WATER	COMPLETE	ODOR	alcohol
EVAPORATION RATE	>1	(BUTYL ACETATE =1)	

SECTION X STABILITY AND REACTIVITY DATA

STABILITY The product is stable
HAZARDOUS POLYMERIZATION Will not occur
INCOMPATIBILITY (CONDITIONS TO AVOID) Strong oxidizers, strong acids, and strong bases. May be corrosive to lead and aluminum. Keep away from heat, sparks, open flame and static discharge.
HAZARDOUS DECOMPOSITION Formaldehyde and carbon monoxide

PRODUCT NAME: **MEIJERS WINDSHIELD WASHER FLUID -20** VERSION 5 PG.3
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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.

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

SECTION XIII DISPOSAL CONSIDERATIONS

GENERAL DISPOSAL CONSIDERATIONS: According to local, state, and federal regulations.

SECTION XIV TRANSPORT INFORMATION

PROPER SHIPPING NAME Cleaning Compound, Liquid (for gallons)
Flammable Liquid, N.O.S. (contains methanol) (for bulk quantities)
UN/NA NUMBER UN1993
HAZARD CLASS 3
PACKING GROUP II
REPORTABLE QUANTITY (RQ lbs) 5000 lbs
EMERGENCY RESPONSE GUIDEBOOK For inner containers over 1 gal or over 66 lbs total pkg wt.
PLACARD/LABELS REQUIRED Flammable

SECTION XV REGULATORY INFORMATION

OSHA HAZARDOUS CHEMICAL yes
SARA 302 COMPONENTS none
SARA 311/312 Immediate (X) Delayed () Fire () Reactive ()
Sudden release of Pressure ()
SARA 313 COMPONENTS Methanol CAS # 67-56-1

SECTION XVI OTHER INFORMATION

HMIS Health = 1; Flammability = 0; Reactivity = 0

DISCLAIMER

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.