

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **STA-KLEEN WINDSHIELD** VERSION 4 PG.1  
WASHER FLUID DATE 10/31/2005  
PRODUCT CODE: 2069 P/N 5051-5052-5053  
CHEMICAL FAMILY: ALCOHOL BASED CLEANER

## SECTION I

MANUFACTURER'S NAME: CUL-MAC INDUSTRIES  
ADDRESS: 3720 S. VENNOY RD.  
WAYNE, MI 48184  
PHONE: (734) 728-9700  
EMERGENCY PHONE: (800) 535-5053

## SECTION II HAZARDOUS COMPONENTS

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

## SECTION III 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 IV 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.

## SECTION V 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

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VERSION 4 PG.2  
DATE 10/31/2005

### SECTION VI HEALTH HAZARD DATA

ROUTES OF ENTRY Skin - Eyes - Inhalation - Ingestion

HEALTH HAZARDS  
(acute & chronic)

**SHORT TERM EFFECTS** - swallowing even small amounts of methanol may cause blindness or death. Effects of lower doses may be nausea, headache, abdominal pain, vomiting and visual disturbances ranging from blurred vision to light sensitivity. Inhalation of high airborne concentrations can also irritate mucus membranes, cause headaches, sleepiness, nausea, confusion, loss of consciousness, digestive and visual disturbances and death. High vapor concentration or liquid contact with eyes causes irritation, tearing and burning. May be absorbed through skin in toxic or lethal amounts. Repeated skin contact causes mild irritation, redness, cracking and drying.

**LONG TERM EFFECTS** - Repeated exposure by inhalation or absorption may cause systemic poisoning, brain disorders, impaired vision and blindness. Inhalation may worsen conditions such as emphysema or bronchitis. Repeated skin contact may cause irritation, dryness and cracking

CARCINOGENICITY NOT LISTED BY OSHA, IARC, OR NTP

EMERGENCY & FIRST AID PROCEDURES:

If contact with eyes or skin immediately flush with copious quantities of water. If inhaled move to fresh air immediately. If ingested **induce vomiting**. Contact physician or poison control center

### SECTION VII PRECAUTIONS FOR SAFE HANDLING & USE

SPILL OR LEAK PROCEDURES: Eliminate all ignition sources. Ventilate the area. Enclose with diking material and place in suitable container for use or disposal.

WASTE DISPOSAL METHOD: According to local, state, and federal regulations.

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

### SECTION VIII CONTROL MEASURES

RESPIRATORY PROTECTION (specify): None needed under normal conditions. NIOSH approved supplied air respirator when airborne concentrations exceed exposure limits

VENTILATION: In confined areas, local and general ventilation should be provided to maintain airborne concentrations below permissible exposure limits.

PROTECTIVE EQUIPMENT: Use impervious gloves to prevent skin contact. Use goggles or shield and safety glasses when transferring.

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VERSION 4 PG.3  
DATE 10/31/2002

**SECTION IX REGULATORY INFORMATION**

DOT For inner containers of 1 gallon or less each, less than 66 lb total package wt, and not shipped by air: Class & Label  
Consumer Commodity ORM-D in gallons unless excepted under 49 CFR 173.156  
For inner containers over 1 gal or over 66 lbs total pkg wt.  
Flammable Liquid, n.o.s. (contains methanol) 3, UN1993, PGIII

OSHA Hazardous according to 29 CFR 1910.1200

EPA Hazardous according to the Clean Water Act 40 CFR 116-117  
Section 313 - Emissions Reporting  
Section 311/312 -  
Immediate Health - Delayed Health - Fire

**SECTION IX ADDITIONAL INFORMATION**

HMIS RATING	HEALTH	2
	FLAMMABILITY	2
	REACTIVITY	0
	PPE	GLASSES & GLOVES (B)

**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 expressly do not make any warranties nor assume any liability from its use or misuse.