

# SAFETY DATA SHEET

## SECTION I IDENTIFICATION

PRODUCT NAME:	<b>STA-KLEEN WINDSHIELD WASHER FLUID -20°</b>	Pg. 1/6
PRODUCT CODE:	Fluid 2069                      P/N: 5051-5052-5053	Version 12
CHEMICAL FAMILY:	ALCOHOL BASED CLEANER	8/15/2023
		Meets GHS requirements
MANUFACTURERS 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 HAZARD IDENTIFICATION



### DANGER:

**HAZARD STATEMENT:**                      *This material can not be made non-poisonous, may be fatal if swallowed.  
May cause damage to the eyes and central nervous system.  
Flammable liquid and vapor.*

**ROUTES OF ENTRY:**    Skin, Eyes, Ingestion, Inhalation

**TARGET ORGANS:**    Central nervous system, Eyes

<b>HAZARD STATEMENTS:</b>	<b>H226:</b>	Flammable Liquid and Vapour
	<b>H302:</b>	Harmful if Swallowed
	<b>H313:</b>	May be Harmful in Contact with Skin
	<b>H320:</b>	Causes Eye Irritation
	<b>H333:</b>	May be harmful if inhaled
	<b>H373:</b>	May Cause Damage to Organs Through Prolonged or Repeated Exposure

<b>PRECAUTIONARY STATEMENTS:</b>	<b>P101:</b>	Keep out of reach of Children
	<b>P233:</b>	Keep container tightly closed
	<b>P234:</b>	Keep only in original container
	<b>P260 + 260:</b>	Do not breathe mist, vapors', spray. Do not get in eyes, on skin or on clothing.
	<b>P264:</b>	Wash Thoroughly After Handling
	<b>P280:</b>	Wear Protective Gloves/Eye Protection/Face Protection

<b>RESPONSE</b>	<b>P301 + 310:</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
	<b>P305 + 351 + 338:</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
	<b>P302 + 352 + 313:</b>	IF ON SKIN: Wash with soap and water. If skin irritation occurs: Get medical attention.
	<b>P304 + 340 + 314:</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
	<b>P309 + 310:</b>	If exposed or you feel unwell: Immediately call a POISON CENTER or doctor/physician.

<b>STORAGE</b>	<b>P403 + 233:</b>	Store in a well ventilated place. Keep container tightly closed.
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**SECTION II HAZARD IDENTIFICATION CONTINUED**

**DISPOSAL** **P501:** Dispose of contents/container in accordance with all local, state, regional and national regulations

**CARCINOGENICITY:** Not listed by OSHA, IARC, OR NTP

**SECTION III COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL:	% by wt.	CAS #	OSHA PEL	ACGIH TLV
METHANOL	5 - 15	67-56-1	200 ppm	200 TWA
Proprietary Surfactant Blend	1 - 5	7732-18-5		
Water	85 - 95	7732-18-5		

**SECTION IV FIRST AID MEASURES**

**FIRST AID MEASURES**

**SKIN CONTACT:** Take off any contaminated clothing. Immediately rinse skin with plenty of water for 15-20 minutes. If skin irritation occurs call a POISON CENTER or doctor/physician.

**EYE CONTACT:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses present, after the first 5 minutes, and then continue rinsing. Call a POISON CENTER or doctor for treatment, advice if irritation persists.

**INHALATION:** Remove person to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if person feels unwell.

**INGESTION:** If person is conscious give 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Then call POISON CENTER or doctor/physician immediately for treatment advice/method to induce vomiting. **GET prompt medical attention**

**DELAYED SYMPTOMS**

**SKIN CONTACT:** Repeated or prolonged contact can result in skin absorption which may cause irritation, itching, dermatitis.

**EYE CONTACT:** Causes eye irritation including pain, blinking, redness and sensitivity to light

**INHALATION:** Symptoms may include dizziness, headache, nausea and loss of coordination along with sore throat, shortness of breath and coughing/congestion.

**INGESTION:** May be fatal or cause blindness if swallowed. Other symptoms include irritation of mucous membranes, nausea, headache, vomiting, dizziness, and coordination problems, blurred or snowy vision.

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### SECTION V FIRE FIGHTING MEASURES

**FLASH POINT:** 88° F

**FLAMMABILITY LIMITS:** LEL: 6.0%  
(Methanol) UEL: 36.0%

**EXTINGUISHING MEDIA:** Dry Chemical; Alcohol Foam; Carbon Dioxide

**SPECIAL PROCEDURES:** Stay Upwind. Water spray may be ineffective on fire but can protect fire-fighters and cool closed containers. If water is used, use fog nozzles. Do not enter confined spaces without full bunker gear. Use NIOSH approved positive-pressure self-contained breathing apparatus. Do not walk through any spilled chemicals.

**UNUSUAL HAZARDS:** Methanol burns with a clear flame and can be difficult to see in daylight. Vapors can travel long distances along the ground to a source of ignition.

### SECTION VI ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Eliminate all ignition sources. Collect liquid with explosion proof pumps. Dilute with water for small spills, collect with a non-combustible solvent. Avoid release into the environment. Prevent from entering into soil, sewers, waterways and groundwater.

### SECTION VII HANDLING & STORAGE

**HANDLING:** Keep away from oxidizers, heat, sparks, open flames and electrical equipment. Use only with adequate ventilation and avoid breathing vapors. Do not get on skin or in eyes. Wear the appropriate personal protection equipment when using. Empty containers should be treated as full since residue will remain and is equally hazardous.

**STORAGE:** Store in a well-ventilated area away from heat, sparks, open flames and strong oxidizers. Do not store above 120°F and keep containers tightly sealed and stored upright to prevent leaks.

### SECTION VIII EXPOSURE CONTROLS - PERSONAL PROTECTION



**VENTILATION:** Local exhaust.

**RESPIRATORY PROTECTION:** Not generally needed

**GLOVES:** Butyl and nitrile gloves.

**EYE PROTECTION:** Chemical splash goggles when transferring is taking place

**CLOTHING AND FOOTWEAR** Not generally needed

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SECTION IX PHYSICAL/CHEMICAL CHARACTERISTICS			
<b>BOILING POINT:</b>	176° F	<b>pH:</b>	8.0 - 9.0
<b>FREEZING POINT:</b>	-25° F	<b>SPECIFIC GRAVITY:</b>	0.92
<b>VAPOR PRESSURE:</b>	N/A	<b>PERCENT VOLATILE:</b>	99
<b>VAPOR DENSITY (AIR = 1):</b>	< 1	<b>APPEARANCE:</b>	Blue
<b>SOLUBILITY IN WATER:</b>	COMPLETE	<b>ODOR:</b>	Alcohol
<b>EVAPORATION RATE: (BUTYL ACETATE = 1)</b>	> 1		

SECTION X STABILITY AND REACTIVITY DATA	
<b>STABILITY:</b>	Stable under normal conditions.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur.
<b>INCOMPATIBILITY: (CONDITIONS TO AVOID)</b>	Strong oxidizers, strong acids, and strong bases. Keep away from heat, sparks, open flame and static discharge.
<b>HAZARDOUS DECOMPOSITION:</b>	Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides.

SECTION XI TOXICOLOGICAL INFORMATION	
<b>Methanol:</b>	Acute oral toxicity (LD50) [Rat]: 5628 mg/kg (IUCLID) Acute oral LDLO [Human]: 143 mg/kg (RTECS) Acute dermal toxicity (LD50) [Rabbit]: 15800 mg/kg (RTECS) Acute toxicity of the vapor (LC50) [Rat]: 64000 ppm 4 hours (RTECS)
<i>Skin Irritation:</i>	Irritation, may cause burns on long term exposure
<i>Eye Irritation:</i>	Risk of serious damage to eyes. Risk of blindness
<i>Genotoxicity In Vitro:</i>	
Ames Test:	Negative (IUCLID)
Mutagenicity:	Numerous endpoints were reported in RTECS which indicate mutagenicity and developmental effects in various species of bacteria, rats, and mice via oral, dermal, inhalation and intraperitoneal routes and levels of exposure.
<i>Target Organs:</i>	
Single Exposure	Central Nervous System
Repeated Exposure	Central Nervous System, Skin, Eyes, Kindeys
 <b>NOTE:</b> Symptoms may be delayed. Handle using good health practices.	

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SECTION XII ECOLOGICAL INFORMATION	
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**Methanol:**

Toxicity in Fish LC50: 15400 mg/L (ECOTOX: 96 hours, Bluegill Sunfish)  
Toxicity to Daphnia: >10000 mg/L (IUCLID: 24 hours, Daphnia Magna)  
Toxicity to Algae: 8000 mg/L (IUCLID: 16 hours, Scenedesmus Quadricauda)  
Toxicity to Bacteria: 6600 mg/L (IUCLID: 16 hours, Pseudomonas Fluorescens)

Readily Biodegradable; 99% (OECD Test Guidelines 301D, 30 day)

BOD: 600-1200 bg/g (IUCLID)

COD: 1400 mg/g (IUCLID)

*Mobility in Soil:*

This material is a mobile liquid

Do not allow this product to enter surface waters, wastewater or soil. Stability in water reported to be 2.2 years (IUCLID)

**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:**

Prevent methanol from entering sewers, confined spaces, drains, or waterways. Clean up and dispose of waste in accordance with all federal, state and local environmental regulations.

**SECTION XIV TRANSPORT INFORMATION**

**U.S. Department of Transportation (DOT)**

**PROPER SHIPPING NAME (DOT):**

CLEANING COMPOUND, LIQUID (GALLONS - LIMITED QUANTITY)

ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (methanol solution) (BULK)

**UN-NO.(DOT):**

UN1230

**TRANSPORT HAZARD CLASS(ES) (DOT):**

3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

**PACKING GROUP (DOT):**

III - Minor Danger

**SUBSIDIARY RISK (DOT):**

N/A

**HAZARD LABELS (DOT):**

3 - Flammable liquid

**UN Proper Shipping Name:**

packaging not over 5L (1.3 gallons) Limited Quantity/Consumer Commodity, ORM-D per 49CFR 173.150 (b) (3) & 173.50 (c)



**EMERGENCY RESPONSE GUIDE (ERG) NUMBER:** 131

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**SECTION XIV TRANSPORT INFORMATION (Continued)**

**OTHER INFORMATION:** No supplementary information available

**TRANSPORT BY SEA**

**UN-NO. (IMDG):** 1986  
**PROPER SHIPPING NAME (IMDG):** ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (methanol solution)  
**CLASS (IMDG):** 3 - Flammable Liquids  
**PACKING GROUP (IMDG):** III - substances presenting low danger  
**SUBSIDIARY RISK (IMDG):** N/A  
**LIMITED QUANTITIES (IMDG):** 5 L

**AIR TRANSPORT**

**UN-NO. (IATA):** 1986  
**PROPER SHIPPING NAME (IATA):** ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (methanol solution)  
**CLASS (IATA):** 3 - Flammable Liquids  
**PACKING GROUP (IATA):** III - Minor Danger  
**SUBSIDIARY RISK (IATA):** N/A

**SECTION XV REGULATORY INFORMATION**

**U.S. Federal Regulations**

**OSHA HAZARDOUS CHEMICAL:** Yes  
**SARA 302 COMPONENTS:** None  
**SARA 311/312:** Immediate (X) Delayed (X) Fire (X) Reactive ( )  
Sudden release of Pressure ( )  
**SARA 313 COMPONENTS:** Methanol CAS# 67-56-1  
**TSCA STATUS:** The intentional ingredients of this product are listed  
**CERCLA RQ:** 5000 LBS.

**State and Local Regulations**

**CALIFORNIA PROPOSITION 65:** The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. This product contains a chemical known to the state of California to cause cancer, birth defects, or other reproductive harm.

**New Jersey RTK Label Information:** Methyl Alcohol (CAS: 67-56-1)  
**Pennsylvania RTK Label Information:** Methanol (CAS: 67-56-1)  
**Atmospheric Standards:** The Clean Air Act Amendments of 1990 list Methanol as a hazardous air pollutant.

**SECTION XVI OTHER INFORMATION**

**HMIS:** Health = 2; Flammability = 3; Reactivity = 0; Personal Protection = 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 do not make any warranties nor assume any liability from its use or misuse.

**End of SDS**