

# **SOCAR CHEMICAL COMPANY INC**

**2609 RUTHERFORD RD**

**GREENVILLE SC 29609**

**864-244-5068**

**SAFETY DATA SHEET: WINTER WINDSHIELD WASHER**

ISSUE DATE: 10-11-14

## **SECTION 1: PRODUCT & COMPANY IDENTIFICATION**

**PRODUCT NAME:** WINTER WINDSHIELD WASHER

**CHEMICAL FAMILY NAME:** METHANOL

**PRODUCT USE:** CLEANING WINDSHIEDLDS

**SUPPLIER/MANUFACTURER'S NAME:** SOCAR CHEMICAL COMPANY INC.

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## **SECTION 2: HAZARDOUS IDENTIFICATION**

### **EMERGENCY OVERVIEW:**

THIS IS A BLUE LIQUID WITH A MILD ALCOHOL ODOR.

### **IMMEDIATE HEALTH, PHYSICAL, AND ENVIRONMENTAL HAZARDS:**

MAY CAUSE SKIN AND EYE IRRITATION. HARMFUL IF SWALLOWED. DANGER POISON.

FLAMMABLE. CAN NOT BE MADE NONPOISONOUS. IRRITATION TO RESPIRATORY TRACK.

### **OSHA HAZARD CLASSIFICATION(S):**

POISON LIQUID, CATEGORY

EYE IRRITATION, CATEGORY

**SIGNAL WORD:** WARNING!

### **PRECAUTIONARY STATEMENT(S):**

KEEP CONTAINER TIGHTLY CLOSED

WEAR PROTECTIVE GLOVES AND EYE/FACE PROTECTION

STORE IN COOL/WELL VENTILATED PLACE

### **POTENTIAL HEALTH EFFECTS:**

**EYE CONTACT:** IRRITATING TO EYES; MAY CAUSE SEVERE AND PERMANENT DAMAGE.

**SKIN CONTACT:** PROLONGED OR REPEATED CONTAC WITHOUT RINSING WITH WATER  
MAY CAUSE IRRITATION.

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**INHALATION:** MAY CAUSE HEADACHES, DIZZINESS, NAUSEA, INCOORDINATION, DROWSINESS, VISUAL IMPAIRMENT AND UNCONSCIOUSNESS.

**INGESTION:** CAN CAUSE BLINDNESS.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	PERCENT BY WEGHT
WATER	7732-18-5	>/=70
METHANOL (METHYL ALCOHOL)	67-56-1	>/=31

### SECTION 4: FIRST AID MEASURES

**INHALATION:** IF EXPOSED TO EXCESSIVE LEVELS OF VAPORS. REMOVE TO FRESH AIR. IF SYMPTOMS DEVELOP, GET MEDICAL ATTENTION

**SKIN CONTACT:** IMMEDIATELY FLUSH SKIN WITH PLENTY OF COOL RUNNING WATER FOR AT LEAST 15 MINUTES. WASH WITH SOAP AND WATER. IF IRRITATION DEVELOPS OR PERSISTS, GET MEDICAL ATTENTION. REMOVE CONTAIMINATED CLOTHING AND SHOES; WASH BEFORE REUSE.

**EYES CONTACT:** IMMEDIATELY FLUSH EYES WITH PLENTY OF COOL RUNNING WATER. REMOVE CONTACT LENSES IF APPLICABLE, AND CONTINUE FLUSHING FOR AT LEAST 15 MINUTES, HOLDING EYELIDS APART TO ENSURE THOROUGH RINSING OF THE ENTIRE EYE. SPEED IS ESSENTIAL TO MINIMIZE INJURY. CALL A PHYSICIAN.

**INGESTION:** DO NOT GIVE LIQUID IF VICTIM IS UNCONSCIOUS OR DROWSY. OTHERWISE GIVE 1 OR 2 GLASSES OF WATER. CALL DOCTOR, HOSPITAL EMERGENCY ROOM OR POISON CONTROL CENTER FOR INSTRUCTIONS TO INDUCE VOMITING. WHEN MEDICAL ADDVICE IS NOT AVAILABLE, INDUCE VOMITING USING SYRUP OF IPECAC ACCORDING TO DIRECTION. IF IPECAC NOT AVAILABLE, INDUCE VOMITING WITH FINGER OR BACK OF SPOON BY TOUCHING THE VBACK OF THE VICTIMS THROAT. GET MEDICAL ATTENTION. .

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** NOT APPLICABLE

**RECOMMENDATIONS TO PHYSICIANS:** NOT APPLICABLE

**SYMPTOMS/EFFECTS:** CAN CAUSE RASH ON SKIN

**CHRONIC:** NOT APPLICABLE

### SECTION 5: FIRE FIGHTING MEASURES

**FIRE EXTINGUISHING MATERIALS:** USE DRY CHEMICAL, CO2, WATER SPRAY OR "ALCOHOL" FOAM.

**FLASH POINT:** 93 DEG F

**AUTOIGNITION TEMEPRATURE:** NOT APPLICABLE

**FLAMMABLE LIMITS: LOWER (LEL):** 6% **UPPER (UEL):** 36%

**SPECIAL FIRE FIGHTING PROCEDURES:** USE FOG OR SPRAY TO PREVENT FLOODING. BE PREPARED TO USE MSHA-NIOSH SELF CONTAINED BREATHING APPARATUS AND PROTECTING CLOTHING.

**FIRE AND EXPLOSION HAZARDS:** TREAT AS FLAMMABLE LIQUID. THERE IS A CHANCE OF MODERATE EXPLOSION AND /OR DANGEROUS FIRE HAZARD.

**EXPLOSION SENSITIVITY TO MECHANICAL IMPACT:** NOT SENSITIVE

**EXPLOSION SENSITIVITY TO STATIC DISCHARGE:** NOT SENSITIVE

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS:** DEPENDING ON EXTENT OF RELEASE, CONSIDER THE NEED FOR FIRE FIGHTERS/EMERGENCY RESPONDERS WITH ADEQUATE PERSONAL PROTECTIVE EQUIPMENT FOR CLEANING.

ELIMINATE ALL SOURCES OF IGNITION IMMEDIATELY. MOP UP RESIDUE AND RINSE AREA THOROUGHLY WITH WATER. CONTAIN RUN-OFF WITH ABSORBENT MATERIAL SUCH AS SAND OR CLAY AND DIKING. TRANSFER LIQUID AND ABSORBENT MATERIAL IN APPROVED CONTAINER. FLUSH AND MOP AREA WITH WATER ALLOWING TO AIR DRY. KEEP SPILL OUT OF SEWERS AND OPEN BODIES OF WATER.

**SPILLS:** PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS OR WATERWAYS. DIKE OR SOAK-UP WITH INERT ABSORBENT MATERIAL.

**SECTION 7: HANDLING AND STORAGE**

**WORK PRACTICES AND HYGIENE PRACTICES:** AVOID CONTACT WITH EYES. AVOID PROLONGED REPEATED SKIN CONTACT AND BREATHING MIST/VAPORS. USE IN WELL VENTILATED AREA AWAY FROM ALL IGNITION SOURCES. SWITCH OFF ALL ELECTRICAL DEVICES SUCH AS PARABOLIC HEATERS, HOTPLATES, STORAGE HEATERS ETC. IN GOOD TIME FOR THEM TO HAVE COOLED DOWN BEFORE COMMENCING WORK. DO NOT SMOKE; DO NOT WELD. DO NOT EMPTY WASTE INTO SANITARY DRAINS. TAKE MEASURES TO PREVENT THE BUILD UP OF ELECTROSTATIC CHARGE.

**STORAGE AND HANDLING PRACTICES:** ENSURE ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. AVOID SKIN CONTACT. AVOID EYE CONTACT. DO NOT EAT, DRINK, OR SMOKE WHEN USING THIS PRODUCT. WASH EXPOSED AREAS THOROUGHLY WITH SOAP AND WATER. KEEP CONTAINER TIGHTLY CLOSED. KEEP IN COOL DRY PLACE.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EXPOSURE LIMIT/GUIDELINES**

<b>CHEMICAL NAME</b>	<b>CAS#</b>				
METHANOL 31% BY WT	67-56-1	200 PPM	200 PPM	200 PPM	6000 PPM
METHYL ALCOHOL)		(260 mg/m3)	(260 mg/m3)	(260 mg/m3)	(0.6 %
		8 HOUR TWA	8 HOUR TWA	8-HOUR TWA	IN AIR)
		(SKIN)	250 PPM	250 PPM	
			(310 mg/m3)	(310 mg/m3)	
			CEILING	SHORT TERM	
			(SKIN)	EXPOSURE LIMIT	
				(15 MIN. TWA)	
				(SKIN)	

**HYGIENTIC PRACTICES:** AVOID BREATHING VAPORS. USE ADEQUATE VENTILATION. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. FOLLOW DIRECTIONS ON LABEL. DO NOT STORE NEAR FOOD, WATER OR FEED.

**EYE PROTECTION:** SAFETY GLASSES. IF NECESSARY REFER TO THE U.S. OSHA 29CFR 1910.133 OR APPROPRIATE CANADIAN STANDARDS.

**HAND PROTECTION:** USE CHEMICAL RESISTANT GLOVES TO PREVENT SKIN CONTACT. IF NECESSARY REFER TO U.S. OSHA 29 CFR 1910.138 OR APPROPRIATE STANDARDS OF CANADA.

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**BODY PROTECTION:** USE BODY PROTECTION APPROPRIATE TO PREVENT CONTACT (e.g. LAB COAT, OVERALLS). IF NECESSARY REFER TO APPROPRIATE STANDARDS OF CANADA, OR APPROPRIATE STANDARDS OF THE EU AUSTRALIAN STANDARDS OR RELEVANT JAPANESE STANDARDS.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** CLEAR BLUE LIQUID  
**ODOR:** MILD ALCOHOL ODOR  
**ODOR THRESHOLD (PPM):** MILD  
**PH:** 8.2  
**FREEZING POINT:** -20 DEG F  
**BOILING POINT:** 170 DEG F  
**FLASH POINT:** NOT APPLICABLE  
**EVAPORATION RATE:** 5.9  
**FLAMMABILITY:** NOT APPLICABLE  
**EXPLOSIVE LIMITS (mmHg):** NOT APPLICABLE  
**VAPOR DENSITY (AIR=1):** 1.1  
**RELATIVE DENSITY:** NOT AVAILABLE  
**SOLUBILITY:** 100%  
**PARTITION COEFFICIENT: N-OCTANOL/WATER:** NOT AVAILABLE  
**AUTO-IGNITION TEMPERATURE:** NOT AVAILABLE  
**DECOMPOSITION TEMPERATURE:** NOT AVAILABLE  
**VISCOSITY:** <100 CENTIPOISE

#### **SECTION 10: STABILITY AND REACTIVITY**

**REACTIVITY:** NOT AVAILABLE  
**STABILITY:** STABLE  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR  
**CONDITIONS TO AVOID:** HEAT, SPARKS, FLAMES. NO SMOKING WHEN USING.  
**MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:** STRONG OXIDIZING AGENTS SUCH AS NITRATES AND SULFURIC ACIDS  
**DECOMPOSITION PRODUCTS:** BURNING CAN PRODUCE CARBON MONOXIDE AND OR CARBON DIOXIDE. CARBON MONOXIDE IS HIGHLY TOXIC IF INHALED. CARBON DIOXIDE IN SUFFICIENT CONCENTRATION CAN ACT AS AN ASPHYXANT.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

**IRRITANCY OF PRODUCT:** CONTACT WITH THIS PRODUCT CAN BE IRRITATING TO EXPOSED SKIN, EYES, AND RESPIRATORY SYSTEM.  
**SENSITIZATION OF PRODUCT:** THIS PRODUCT IS NOT CONSIDERED A SENSITIZER.  
**REPRODUCTIVE TOXICITY INFORMATION:** NOT AVAILABLE  
**TOXICITY DATA:** NOT AVAILABLE  
**SUSPECTED CANCER AGENT:** NONE OF THE INGREDIENTS ARE FOUND ON THE FOLLOWING LISTS: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC AND THEREFORE IS NOT CONSIDERED TO BE, NOR SUSPECTED TO BE A CANCER-CAUSING AGENT BY THESE AGENCIES.

METHYL ALCOHOL (METHANOL): ORAL RAT LD50: 5628 mg/kg, INHALATION RAT LC50: 64000 ppm/4h, SKIN RABBIT LD50: 15800 mg/kg; IRRITATION DATA STANDARD DRAIZE TEST SKIN, RABBIT: 20mg/24 HR MODERATE; EYE RABBIT: 100 mg/24HR MODERATE. INVESTIGATED AS A MUTAGEN, REPRODUCTIVE EFFECTOR.

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**SECTION 12: ECOLOGICAL INFORMATION**

**ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.**

WHEN RELEASED INTO THE SOIL, THIS MATERIAL IS EXPECTED TO READILY BIODEGRADE. WHEN RELEASED INTO THE SOIL, THIS MATERIAL IS EXPECTED TO LEACH INTO GROUNDWATER. WHEN RELEASED INTO THE SOIL, THIS MATERIAL IS EXPECTED TO QUICKLY EVAPORATE. WHEN RELEASED INTO WATER, THIS MATERIAL IS EXPECTED TO HAVE A HALF-LIFE BETWEEN 1 AND 10 DAYS. WHEN RELEASED INTO WATER, THIS MATERIAL IS EXPECTED TO EXIST IN THE AEROSOL PHASE WITH A SHORT HALF-LIFE. WHEN RELEASED INTO THE AIR, THIS MATERIAL IS EXPECTED TO READILY DEGRADE BY REACTION WITH PHOTO CHEMICALLY PRODUCED HYDROXYL RADICALS. WHEN RELEASED INTO AIR, THIS MATERIAL IS EXPECTED TO HAVE A HALF-LIFE BETWEEN 10 AND 30 DAYS. WHEN RELEASED INTO THE AIR, THIS MATERIAL IS EXPECTED TO BE READILY REMOVED FROM THE ATMOSPHERE BY WET DEPOSITION.

**ENVIRONMENTAL TOXICITY:** THIS MATERIAL IS EXPECTED TO BE SLIGHTLY TOXIC TO AQUATIC LIFE.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**PREPARING WASTES FOR DISPOSAL:** UNUSED PRODUCT \*DILUTE WITH WATER AND DISPOSE BY SANITARY SEWER. USED PRODUCT: USED PRODUCT MAY BE HAZARDOUS DEPENDING ON THE CLEANING APPLICATION AND RESULTING CONTAMINANTS. EMPTY CONTAINERS: TRIPLE-RINSE WITH WATER AND OFFER FOR RECYCLING IF AVAILABLE IN YOUR AREA.

WASTE DISPOSAL MUST BE IN ACCORDANCE WITH APPROPRIATE FEDERAL, STATE AND LOCAL REGULATIONS, THOSE OF CANADA, AUSTRALIA, EU MEMBER STATES AND JAPAN.

**SECTION 14: TRANSPORT INFORMATION**

**UN NUMBER:** NOT APPLICABLE  
**PROPER SHIPPING NAME:** NOT APPLICABLE  
**HAZARD CLASS NUMBER AND DESCRIPTION:** NA  
**PACKING GROUP:** NA  
**DOT LABELS REQUIRED:** NA  
**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004)**

**SECTION 15: REGULATORY INFORMATION**

**UNITED STATES REGULATIONS:**

**THIS PRODUCT CONTAINS COMPONENTS CITED ON THE FOLLOWING REGULATIONS:**

<b>CHEMICAL NAME</b>	<b>CAS NUMBER</b>
METHANOL	67-56-1

**SARA REPORTING REQUIREMENTS:** THIS PRODUCT IS NOT SUBJECT TO THE REPORTING REQUIREMENTS OF SECTIONS 302, 304 AND 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, AS FOLLOWS: METHANOL 31%

**TSCA:** ALL COMPONENTS IN THIS PRODUCT ARE LISTED ON THE US TOXIC SUBSTANCES CONTROL ACT (TSCA) INVENTORY OF CHEMICALS.

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**US SARA THRESHOLD PLANNING QUANTITY:** THERE ARE NO SPECIFIC THRESHOLD PLANNING QUANTITIES FOR THIS PRODUCT. THE DEFAULT FEDERAL MSDS SUBMISSION AND INVENTORY REQUIREMENT FILING THRESHOLD OF 10,000 LB (4540 kg) MAY APPLY, PER 40 CFR 370.20

**US CERCLA REPORTABLE QUANTITY (RQ):** METHYL ALCOHOL 5000 LB

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** NONE OF THE INGREDIENTS ARE ON THE CALIFORNIA PROPOSITION 65 LISTS

**CANADIAN REGULATIONS:**

**CANADIAN DSL/NDL INVENTORY STATUS:** ALL OF COMPONENTS OF THIS PRODUCT ARE ON THE DSL INVENTORY.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:** NO COMPONENT OF THIS PRODUCT IS ON THE CEPA FIRST PRIORITIES SUBSTANCES LISTS.

**CANADIAN WHMIS CLASSIFICATION AND SYMBOLS:** THIS PRODUCT IS CATERGORIZED AS CONTROLLED PRODUCT, HAZARD CLASS E AS PER THE CONTROLLED PRODUCT REGULATIONS.

**EUROPEAN ECONOMIC COMMUNITY INFORMATION:**

**EU LABELING AND CLASSIFICATION:**

CLASSIFICATION OF THE MIXTURE ACCORDING TO REGULATION (EC) NO1272/2008. SEE SECTION 2 FOR DETAILS.

**AUSTRALIAN INFORMATION FOR PRODUCT:**

**AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS:** ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE AICS.

**STANDARD FOR THE UNIFORM SCHEDULING OR DRUGS AND POISONS:** NOT APPLICABLE

**JAPANESE INFORMATION FOR PRODUCT**

**JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:** THE COMPONENTS OF THIS PRODUCT ARE NOT LISTED AS CLASS I SPECIFIED CHEMICAL SUBSTANCES, CLASS II SPECIFIED CHEMICAL SUBSTANCES, OR DESIGNATED CHEMICAL SUBSTANCES BY THE JAPANESE MITI.

**SECTION 16: OTHER INFORMATION:**

**HMIS RATING:** HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

PERSONAL PROTECTION: X

**PREPARED BY:** DAWN STYLES, SOCAR CHEMICAL

**DATE OF PREPARATION:** JANUARY 2013

**DATE OF LAST REVISION:** OCTOBER 2014

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