

Issue Date: 1-April-2014

Revision Date

29-May-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

#### Product Name

DLX Windshield Washer Fluid #732

### Other Means of Identification

#### SDS #

CALWIS-008

#### UN/ID No

UN1993

#### Synonyms

DLX Windshield Washer Solvent #732

DLX Windshield Washer Solvent #732-55

### Recommended Use of the Chemical and Restrictions on Use

#### Recommended Use

Windshield wash cleaner for summer use

### Details of the Supplier of the Safety Data Sheet

#### Supplier Address

 Calwis Company  
 901 Hinkle Street  
 Green Bay, WI 54303

### Emergency Telephone Number

#### Company Phone Number

1-920-499-4990

#### Emergency Telephone

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 3
Acute toxicity - Inhalation (Vapors)	Category 3
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Serious eye damage-eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 1
Flammable liquids	Category 3

### Signal Word

**Danger**

### Hazard Statements

May be harmful if swallowed

May be toxic in contact with skin

May be toxic if inhaled

May cause severe eye irritation

May cause damage to organs

Flammable liquid and vapor



**Appearance** Clear green liquid

**Physical State** Liquid

**Odor** Fragranced ammonia odor

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Use only outdoors or in a well-ventilated area  
Do not breathe dust/fume/gas/mist/vapors/spray  
Keep away from heat/sparks/open flames/hot surfaces. -- No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion - proof equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Wear protective gloves/protective clothing/eye protection/face protection  
Keep cool

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing  
If eye irritation persists: Get medical advice/attention  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
Rinse mouth  
In case of fire: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed  
Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards Not Otherwise Classified (HNOC)**

Not applicable

**Other Information**

Not applicable

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Synonyms**

DLX Windshield Washer Solvent #732  
DLX Windshield Washer Solvent #732-55

Chemical Name	CAS No.	Weight %
Non-hazardous Ingredients	Proprietary	95%
Methanol	67-56-1	<5%

**4. FIRST AID MEASURES**

**First Aid Measures**

**General Advice**

If exposed or concerned: Get medical advice/attention.

**Inhalation**

Remove from exposure, lie down. Restore breathing. Get medical attention, if necessary.

<b>Eye Contact</b>	Flush immediately eyes thoroughly with water for at least 15 minutes. Call a physician if irritation persists.
<b>Ingestion</b>	Induce vomiting if discovered within 2 hours. Call a physician or poison control center immediately.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water. Take off immediately all contaminated clothing. Get medical attention if necessary.

**Most Important Symptoms and Effects, both Acute and Delayed**

<b>Symptoms</b>	May produce dermatitis and scaling on chronic skin contact. Ingestion may cause visual impairment. Irritation of eyes and mucuous membranes. Nausea and dizziness.
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**Indication of any Immediate Medical Attention and Special Treatment Needed**

<b>Note to Physicians</b>	Treat symptomatically. Ethanol may inhibit methanol metabolism.
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**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Water spray (fog). Carbon dioxide (CO2). Dry chemical. Alcohol resistant foam.

**Unsuitable Extinguishing Media.** Not determined.

**Specific Hazards Arising from the Chemical**

Vapors are heavier than air and may travel along ground to ignition sources and flash back. Methanol burns almost clear. Use water to keep fire-exposed structures and container cool.

**Hazardous combustion products.** Carbon oxides. Carbon monoxide. Carbon dioxide (CO2).

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

<b>Personal Precautions</b>	Use personal protection recommended in Section 8.
<b>Environmental Precautions</b>	See Section 12 for additional ecological information.

**Methods and Material for Containment and Cleaning Up**

<b>Methods for Containment</b>	Eliminate all ignition sources. Contain spills in diking materials such as sandbags.
<b>Methods for Cleaning Up</b>	Ground and bond containers when transferring material. Clean up in accordance with all applicable regulations.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Keep away from heat/sparks/open flames/hot surfaces. --No smoking. Do not handle until all safety precautions have been read and understood. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Take
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necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use spark-proof tools and explosion-proof equipment. Use only outdoors or in a well ventilated area. Empty containers may contain flammable residual vapors. Ground/bond container and receiving equipment.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions** Keep container tightly closed. Keep out of the reach of children. Store locked up. Store away from incompatible materials. Do not handle or store near any sources of ignition.

**Incompatible Materials** Oxidizing materials. Organic acids. Inorganic acids.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methanol 67-56-1	STEL: 250 ppm TWA: 200 ppm S*	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m <sup>3</sup> (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m <sup>3</sup> (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 325 mg/m <sup>3</sup>

**Appropriate Engineering Controls**

**Engineering Controls** Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. Apply technical measures to comply with the occupational exposure limits.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection** Avoid contact with eyes. Chemical safety goggles/faceshield.

**Skin and Body Protection** Wear appropriate clothing to prevent repeated or prolonged skin contact.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse. Wash hands thoroughly after handling. Avoid prolonged or repeated contact with skin. Do not handle until all safety precautions have been read and understood.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Fragranced methanol odor
<b>Appearance</b>	Clear green liquid	<b>Odor threshold</b>	Not determined
<b>Color</b>	Clear green		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	Not determined	
<b>Melting point/freezing point</b>	Not determined	
<b>Boiling point/boiling range</b>	68°C 155°F	
<b>Flash point</b>	41.1 °C 106.0 °F	
<b>Evaporation rate</b>	2	(nButyl acetate = 1)
<b>Flammability (solid, gas)</b>	N/A- Liquid	

<b>Flammability limits in air</b>		
<b>Upper flammability limits</b>	36.5%	
<b>Lower flammability limit</b>	5.5%	
<b>Vapor pressure</b>	96 mmHg	@ 25°C (77 °F)
<b>Vapor density</b>	1.1	(Air =1)
<b>Specific gravity</b>	0.98	(1=Water)
<b>Water solubility</b>	Soluble in water	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition coefficient</b>	Not determined	
<b>Autoignition temperature</b>	470 °C    878 °F	
<b>Decomposition temperature</b>	Not determined	
<b>Kinematic viscosity</b>	Not determined	
<b>Dynamic viscosity</b>	Not determined	
<b>Explosive properties</b>	Not determined	
<b>Oxidizing properties</b>	Not determined	

**Other Information**

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under normal conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous polymerization**

Hazardous polymerization does not occur.

**Conditions to Avoid**

Heat, flames and sparks.

**Incompatible Materials**

Oxidizing materials. Organic acids. Inorganic acids.

**Hazardous Decomposition Products**

Carbon oxides. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

**11. TOXICOLOGICAL INFORMATION**

**Information on Likely Routes of Exposure**

**Product Information**

- Inhalation**            Toxic if inhaled.
- Eye Contact**        Causes severe eye irritation.
- Skin Contact**        Toxic in contact with skin.
- Ingestion**            Harmful if swallowed

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Methanol 67-56-1	= 5628 mg/kg (Rat)	= 15800 mg/kg (Rabbit)	= 83.2 mg/L (Rat) 4 h = 64000 ppm (Rat) 4 h

## Information on Physical, Chemical and Toxicological Effects

**Symptoms** Please see section 4 of this SDS for symptoms.

## Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

**Serious eye damage/eye irritation** Causes severe eye irritation.

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**STOT - single exposure** Causes damage to organs.

## Numerical Measures of Toxicity - Product

Not determined

## **The following values are calculated based on chapter 3.1 of the GHS document**

ATEmix (oral)	308 mg/kg
ATEmix (dermal)	923 mg/kg
ATEmix (inhalation-dust/mist)	1.5 mg/l
ATEmix (inhalation-vapor)	9 mg/l

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Methanol 67-56-1		28200: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 19500-20700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 18-20: 96 h Oncorhynchus mykiss mg/L LC50 static 13500-17600: 96 h Lepomis macrochirus mg/L LC50 flow-through		

### Persistence and Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

Not determined.

Chemical Name	Partition coefficient
Methanol 67-56-1	-0.77

**Other Adverse Effects** Not determined

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

Chemical Name	RCRA	RCRA-Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Methanol 67-56-1		Included in waste stream: F039		U154

Chemical Name	California Hazardous Waste Status
Methanol 67-56-1	Toxic Ignitable

### 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

#### DOT

**UN/ID No** UN1993  
**Proper Shipping Name** Not Regulated  
**Hazard Class** N/A  
**Packing Group** N/A  
**Reportable Quantity (RQ)** Methanol (5000 lbs)

#### IATA

**UN/ID No** UN1992  
**Proper Shipping Name** Not Regulated  
**Hazard Class** N/A  
**Subsidiary hazard class** N/A  
**Packing Group** III

#### IMDG

**UN/ID No** UN1992  
**Proper Shipping Name** Not Regulated  
**Hazard Class** N/A  
**Subsidiary hazard class** N/A  
**Packing Group** III

### 15. REGULATORY INFORMATION

#### **International Inventories**

##### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Phillippines Inventory of Chemicals and Chemical Substances

#### US Federal Regulations

Chemical Name	CAS No.	Weight %	SARA 313 - Threshold Values %
Methanol - 67-56-1	67-56-1	< 5%	1

**SARA 311/312 Hazard Categories**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Methanol 67-56-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

**US State Regulations**

Chemical Name	California Proposition 65
Methanol - 67-56-1	Developmental

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Methanol 67-56-1	X	X	X

**U.S. EPA Label Information**

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	Not determined	Not determined	Not determined	Not determined
<b>HMIS</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	2	1	0	Not determined

**Issue Date** 1-Apr-2014

**Revision Date** 29-May-2015

**Revision Note**

New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**