

Issue Date: 1-April-2014

Revision Date

18-Apr-2019

Version 2

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

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.
Eye Contact	Flush immediately eyes thoroughly with water for at least 15 minutes. Call a physician if irritation persists.
Ingestion	Induce vomiting if discovered within 2 hours. Call a physician or poison control center immediately.
Skin Contact	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

Symptoms	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

Note to Physcians	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 dioxoide (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

Personal Precautions Use personal protection recommended in Section 8.

Environmental Precautions See Section 12 for additional ecological information.

Methods and Material for Containment and Cleaning Up

Methods for Containment Eliminate all ignition sources. Contain spills in diking materials such as sandbags.

Methods for Cleaning Up Ground and bond containers when transferring material. Clean up in accordance with all applicable regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling

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 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 ³ (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m ³ (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m ³ (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m ³ STEL: 250 ppm STEL: 325 mg/m ³

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

Physical State
Appearance
Color

Liquid
Clear green liquid
Clear green

Odor
Odor threshold

Fragranced methanol odor
Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting point/freezing point	Not determined	
Boiling point/boiling range	68°C 155°F	
Flash point	41.1 °C 106.0 °F	
Evaporation rate	2	(nButyl acetate = 1)
Flammability (solid, gas)	N/A- Liquid	
Flammability limits in air		
Upper flammability limits	36.5%	
Lower flammability limit	5.5%	
Vapor pressure	96 mmHg	@ 25°C (77 °F)
Vapor density	1.1	(Air =1)
Specific gravity	0.98	(1=Water)
Water solubility	Soluble in water	
Solubility in other solvents	Not determined	
Partition coefficient	Not determined	
Autoignition temperature	470 °C 878 °F	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic viscosity	Not determined	
Explosive properties	Not determined	
Oxidizing properties	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 (CO₂).

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

Not Regulated

IATA

Not Regulated

IMDG

Not Regulated

15. REGULATORY INFORMATION**International Inventories****Legend:****TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL** - 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** - Philippines 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

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

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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