



DECON-GLASS®

Safety Data Sheet

VELTEK ASSOCIATES, INC.

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
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Version: 4.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : DECON-GLASS®
Product code : SDS-DG-98-01

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Glass Cleaner and Residue Remover

1.3. Details of the supplier of the safety data sheet

Veltek Associates, Inc. In Canada Distributed by:
15 Lee Blvd Canada Clean Room (CCR)
Malvern, PA 19355-1234 USA 20 Cope Dr.
T +1 610-644-8335 - F +1 610-644-8336 Kanata, ON K2M 2V8, Canada
Telephone: (888)595-8070
vai@sterile.com

1.4. Emergency telephone number

Emergency number : CARECHEM 24 call: 1-866-928-0789

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Flammable liquids Category 4 H227
Full text of H statements : see section 16

2.2. Label elements

GHS-US labeling

Signal word (GHS-US) : Warning
Hazard statements (GHS-US) : H227 - Combustible liquid
Precautionary statements (GHS-US) : P210 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P403+P235 - Store in a well-ventilated place. Keep cool

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Propan-2-ol	(CAS No) 67-63-0	1 - 5	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop obtain medical attention.

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First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If symptoms develop, obtain medical attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Wash out mouth with water and give 100-200 ml of water to drink. Do NOT induce vomiting. Do not give an unconscious person anything to drink. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Combustible liquid and vapor.
Explosion hazard	: May form flammable/combustible vapour-air mixture when heated.
Reactivity	: Stable under normal conditions.

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Ensure adequate ventilation.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ensure adequate ventilation. Avoid inhalation of vapors.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Keep away from open flames, hot surfaces and sources of ignition. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep away from open flames, hot surfaces and sources of ignition.
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Incompatible materials. Keep container closed when not in use.
Incompatible materials	: Strong acids. Strong alkalis. Strong oxidizing agents.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Propan-2-ol (67-63-0)		
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	400 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr; CNS impair
OSHA	OSHA PEL (TWA) (mg/m ³)	980 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	400 ppm

8.2. Exposure controls

Appropriate engineering controls	: Ensure adequate ventilation.
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear chemically resistant protective gloves.
Eye protection	: Goggles.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of inadequate ventilation: Use an approved air purifying respirator to control exposure. Follow respirator protection requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.
Thermal hazard protection	: Not required for normal conditions of use.
Environmental exposure controls	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Other information	: Do not breathe Vapors. Do not eat, drink or smoke during use. Wash hands thoroughly after handling.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Colorless liquid.
Color	: Colorless
Odor	: alcoholic
Odor threshold	: No data available
pH	: 5 - 8
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 208.4 - 215.6 °F (98 - 102°C)
Flash point	: 154.4 °F (68°C)
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 0.99 - 1.1
Solubility	: Miscible.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: ≥ 2.2 vol %
Explosive properties	: No data available
Oxidizing properties	: No data available

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9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

Ignition sources. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Hydrocarbons.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Propan-2-ol (67-63-0)	
LD50 oral rat	4396 mg/kg
LD50 dermal rat	12800 mg/kg
LC50 inhalation rat (mg/l)	72.6 mg/l/4h

Skin corrosion/irritation : Not classified
pH: 5 - 8

Serious eye damage/irritation : Not classified
pH: 5 - 8

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Propan-2-ol (67-63-0)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Propan-2-ol (67-63-0)	
LC50 fish	4200 mg/l 96 Hours
LC50 other aquatic organisms	1400 mg/l 48 Hours (crustacea)

12.2. Persistence and degradability

DECON-GLASS®	
Persistence and degradability	Rapidly degradable.

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12.3. Bioaccumulative potential

DECON-GLASS®	
Bioaccumulative potential	Low bioaccumulation potential.
Propan-2-ol (67-63-0)	
Bioconcentration factor (BCF REACH)	3

12.4. Mobility in soil

DECON-GLASS®	
Ecology - soil	Very mobile.

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container to hazardous or special waste collection point.

Additional information : Handle empty containers with care because residual vapors are flammable.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : NA1993 Combustible liquid, n.o.s. (CONTAINS ; Propan-2-ol(67-63-0)), 3, III

UN-No.(DOT) : NA1993

Proper Shipping Name (DOT) : Combustible liquid, n.o.s.
CONTAINS ; Propan-2-ol(67-63-0)

Transport hazard class(es) (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Packing group (DOT) : III - Minor Danger

DOT Packaging Non Bulk (49 CFR 173.xxx) : 203

DOT Packaging Bulk (49 CFR 173.xxx) : 241

DOT Symbols : D

DOT Special Provisions (49 CFR 172.102) : IB3, T1, T4, TP1

DOT Packaging Exceptions (49 CFR 173.xxx) : 150

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 220 L

DOT Vessel Stowage Location : A

Other information : Not classified.

TDG

Proper Shipping Name (TDG) : Not regulated for transport

Transport by sea

Proper Shipping Name (IMDG) : Not regulated for transport

Air transport

Proper Shipping Name (IATA) : Not regulated for transport

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SECTION 15: Regulatory information

15.1. US Federal regulations

DECON-GLASS®

SARA Section 311/312 Hazard Classes	Fire hazard
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All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Propan-2-ol	CAS No 67-63-0	1 - 5%
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Propan-2-ol (67-63-0)

SARA Section 313 - Emission Reporting	1 %
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15.2. International regulations

CANADA

DECON-GLASS®

WHMIS Classification	Class B Division 3 - Combustible Liquid
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EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

Propan-2-ol (67-63-0)

U.S. - New Jersey - Right to Know Hazardous Substance List
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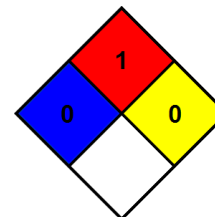
SECTION 16: Other information

Revision date : 02/08/2017
Data sources : US OSHA HazCom (GHS) 25 May 2012.
Other information : None.

Full text of H-phrases:

H225	Highly flammable liquid and vapor
H227	Combustible liquid
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

NFPA health hazard : 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard : 1 - Must be preheated before ignition can occur.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating
Health : 0 Minimal Hazard - No significant risk to health
Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)
Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

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