

empackEmpack Spraytech Inc.
98 Walker Drive
Brampton, Ontario, L6T 4H6
Canada
905-792-6571**PRODUCT: Emzone LCD Screen Cleaner with Cloth Kit****CODE: 047069****SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Identity..... Emzone LCD Screen Cleaner with Cloth Kit
 Product Item Numbers..... 047069
 Manufacturer..... Empack Spraytech Inc.
 98 Walker Drive
 Brampton
 Ontario
 Canada
 L6T 4H6
 905-792-6571
 24 hour emergency telephone number..... CANUTEC: (613)-996-6666 collect.
 Recommended Use..... Cleans computer monitors, LCD, LED and television screens.
 Consumer Commodity..... Yes.
 Hazard Ratings:
 HMIS..... Health: 0 Fire: 0 Reactivity: 0.
 NFPA Rating..... Health: 0 Fire: 0 Reactivity: 0.

SECTION 02: HAZARDS IDENTIFICATION

Emergency Overview..... May irritate eyes. No significant hazard. KEEP OUT OF REACH OF CHILDREN .
 Potential Health Effects:
 Eye Contact..... Contact with eyes may cause irritation, redness, watering, itching and freezing of the eye.
 Skin Contact Not expected to cause skin irritation.
 Ingestion..... Ingestion is not a likely route of exposure. If it occurs, do not induce vomiting.
 Inhalation..... No significant hazard.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Dipropylene Glycol Monomethyl Ether	34590-94-8	1-5

SECTION 04: FIRST AID MEASURES

Eye Contact..... Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists.
 Skin Contact..... Wash thoroughly with soap and lukewarm water.
 Ingestion..... Do not induce vomiting, get medical attention.
 Inhalation..... Obtain medical attention.
 Additional Information..... Note to the doctor; treat symptomatically.

SECTION 05: FIRE FIGHTING MEASURES

Flammability Class..... Non-Flammable.
 Extinguishing Media..... Not flammable. Use regular extinguishing media whenever needed.
 Sensitivity to Mechanical Impact
 Sensitivity to Static Discharge..... Expected to be sensitive to static discharge.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Spills and Leaks..... Contain the spill. Clean up the spill area with detergent and water.

SECTION 07: HANDLING AND STORAGE

Precautions for Safe Handling..... Avoid contact with eyes. No special precautions necessary if used correctly.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Dipropylene Glycol Monomethyl Ether	100 ppm	150 ppm	100 ppm (600 mg/m3)	150 ppm (900 mg/m3)	100 ppm (600 mg/m3)
	100 ppm				

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SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye/Face Protection..... Do not get in eyes. Wear safety glasses with side-shields. Not normally required.
 Skin Protection..... Not normally required. Use rubber or latex gloves when there is a potential for prolonged or excessive skin contact.
 Respiratory Protection..... Not required for intended use.
 Appropriate Engineering Controls..... Not applicable .
 Exposure Limits

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State..... Liquid.
 Physical Appearance..... White.
 Odour..... Fragrance.
 Odour Threshold (ppm)..... Not determined.
 pH..... 6.0 - 8.5.
 Vapour Pressure (psig)..... Not applicable .
 Vapour Density (Air=1)..... Not available.
 Evaporation Rate (n-Butyl Acetate = 1)..... Not available.
 Boiling Point liquid (°C)..... 100°C (212°F).
 VOC Content..... Not available.
 Specific Gravity 0.980-1.020.
 Specific Gravity (Aerosol)..... Not applicable.
 Solubility in water..... Soluble.
 Aerosol Flame Projection..... Not applicable.
 Auto Ignition Temperature (Propellant), °C... Not applicable.
 Flashback..... Not applicable.
 Flash Point (°C), Method..... Not applicable.
 Lower Flammable Limit (% Vol)..... Not applicable.
 Upper Flammable Limit (% Vol)..... Not applicable.

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability..... Stable at normal temperatures and pressures.
 Incompatible Materials..... Strong oxidizing agents. Strong acids.
 Conditions to Avoid..... Avoid sources of heat and flame, and electrostatic charge.
 Hazardous Decomposition Products..... Under normal conditions of storage and use, hazardous decomposition products should not be produced .
 Possibility of Hazardous Reactions..... No polymerization expected at normal use conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Dipropylene Glycol Monomethyl Ether	No data	5350 mg/kg Rat oral; 9500 mg/kg Rabbit dermal
Route of Exposure.....	Eye contact, ingestion.	
Effects of Acute Exposure.....	May cause eye irritation.	
Chronic Effects.....	None known.	
Carcinogenicity.....	None known when used below acute toxicity limit.	
Reproductive Toxicity.....	No information is available, and no adverse effects are expected.	
Teratogenicity.....	No information is available, and no adverse effects are expected.	
Germ Cell Mutagenicity.....	No information is available, and no adverse effects are expected.	
Toxicological Data		

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Appropriate Disposal Methods..... Dispose in accordance with local, provincial and federal regulations.

SECTION 14: TRANSPORT INFORMATION

TDG (Canada- Road)..... Not currently regulated.
 DOT (US-Road)..... Not currently regulated.
 IMDG (International- Marine)..... Not currently regulated.
 IATA (International- Air)..... Not currently regulated.

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SECTION 15: REGULATORY INFORMATION

Canada Regulations:..... WHMIS Classification. Not regulated.
US Regulations:..... HMIS classification see section 01.

SECTION 16: OTHER INFORMATION

Disclaimer..... The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Empack assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. THIS SDS IS VALID FOR THREE YEARS.

Abbreviations..... ACGIH: American Conference of Governmental Industrial Hygienists; CAS: Chemical Abstract Service; NIOSH: National Institute for Occupational Safety and Health, OSHA: Occupational Safety and Health Administration- USA; TSCA: Toxic Substances Control Act 1976-USA; PEL: Permissible Exposure Limit; REL: Recommended Exposure Limit; TLV: Threshold Limit Value; VOC: Volatile Organic Content; WHMIS: Workplace Hazardous Materials Information System STOT: Specific Target Organ Toxicity.

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