



Empack Spraytech Inc.
98 Walker Drive
Brampton, Ontario, L6T 4H6
Canada
905-792-6571

PRODUCT: Emzone Screen Cleaner - 118 ml

CODE: P7-047040

SECTION 01: IDENTIFICATION

Product Identity..... Emzone Screen Cleaner - 118 ml
Product Item Numbers..... P7-047040
Manufacturer..... Empack Spraytech Inc.
98 Walker Drive
Brampton
Ontario
Canada
L6T 4H6
905-792-6571
24 hour emergency telephone number..... In Canada: Call CANUTEC (613) 996-6666 - In The United States: Call CHEMTREC (800) 424-9300.
Recommended Use..... Cleans computer monitors, LCD, LED and television screens.

SECTION 02: HAZARD IDENTIFICATION

Label Elements:
Signal Word..... NOT CLASSIFIED.
Hazard Classification:
Physical Hazards..... Not Classified.
Health Hazards..... Not Classified.
Environmental Hazards..... Not Classified.
Hazard Statement..... Not Classified.
Precautionary Statements:
Prevention..... None.
Response..... None .
Storage..... None.
Disposal..... Not applicable.
Hazard(s) not otherwise classified (HNOC) KEEP OUT OF REACH OF CHILDREN. Avoid spraying in eyes. Direct eye contact may cause slight or mild, transient irritation.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Antistatic (and) UV agents	Proprietary	0.1-1
Preservatives	Mix	0.1-1

SECTION 04: FIRST-AID MEASURES

Skin Contact..... The product is not expected to be skin irritant. However, if irritation persists, wash the contact skin area with soap and water.
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.
Ingestion..... Not likely to be ingested. If occurs, do not give anything by mouth to an unconscious person. Do not attempt to give anything by mouth to an unconscious person. If victim is alert and not convulsing, rinse mouth out and give 1/2 to 1 glass of water to dilute material. DO NOT induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Obtain medical attention IMMEDIATELY. Do not induce vomiting, get medical attention. Obtain medical advice.
Inhalation..... No specific effects have been reported. Supply fresh air if any irritations persists.
Most important symptoms/effects, acute .. Direct eye contact may cause temporary eye irritation.
and delayed
Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. In case of shortness of breath give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

SECTION 05: FIRE-FIGHTING MEASURES

General Fire Hazards..... Use as directed.
Suitable Extinguishing Media..... Dry chemical powder. Carbon dioxide. Foam, water spray or fog.
Unsuitable Extinguishing Media..... None in particular.
Specific Hazards Arising from the Chemical None known.

PRODUCT: Emzone Screen Cleaner - 118 ml

CODE: P7-047040

SECTION 05: FIRE-FIGHTING MEASURES

Special Protective Equipment and Precautions for Firefighters Firefighters must use standard protective equipment including flame retardant coat, helmet with water to prevent vapor pressure build up. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Remove undamaged containers from immediate hazard area if it is safe to do.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures Ensure adequate ventilation; avoid formation of dust. Wear protective equipment and keep unprotected persons away. Use respiratory protection against the effects of dust.
 Methods and Materials for Containment and Cleaning Up Contain the spill. Clean up the spill area with detergent and water. Once spilled material has been collected, use rags or other suitable material to clean spill area. Rags should be properly disposed off.
 Environmental Precautions..... Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

SECTION 07: HANDLING AND STORAGE

Precautions for Safe Handling..... Avoid contact with eyes. Avoid breathing vapours or spray mists of this product. Use with adequate ventilation. Keep away from heat, sparks, and open flames.
 Conditions for Safe Storage including any Incompatibilities Store in a cool, dry, well-ventilated area away from incompatible substances. Do not store in direct sunlight.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	ACGIH TLV		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	
Antistatic (and) UV agents	Not available	Not available	Not available	Not available	Not available
Preservatives	Not available	Not available	Not available	Not available	Not available
Appropriate Engineering Controls.....	Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.				
Individual Protection Measures:					
Eye/Face Protection.....	Prevent eye contact, wear safety glasses in the event that eye contact is possible.				
Skin Protection.....	Not normally required.				
Respiratory Protection.....	Not required on a short-term basis or if exhaust ventilation is provided. Use approved NIOSH respirators for emergencies.				
Thermal Hazards.....	None Known.				
General Hygiene Considerations.....	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment prior to use.				

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State..... Spray mist.
 Physical Appearance..... Colorless liquid .
 Odour..... Minor odour.
 Odour Threshold (ppm)..... Not available.
 pH..... 6.0 - 8.0.
 Vapour Pressure (psig)..... Not applicable .
 Evaporation Rate (n-Butyl Acetate = 1)..... Not available.
 Boiling Point (°C)..... 100.
 VOC Content..... No data .
 Relative Density/Specific Gravity..... 1.000-1.026.
 Solubility in water..... Soluble in water.
 Auto Ignition Temperature (liquid), °C..... Not applicable.
 Flash Point (°C), Method..... Not applicable.
 Lower Explosive Limit (% vol)..... Not applicable.
 Upper Explosive Limit (% vol)..... Not applicable.
 Viscosity..... Very fluid.

SECTION 10: STABILITY AND REACTIVITY

Reactivity Product not reactive under normal conditions of use.
 Chemical Stability..... Stable at normal temperatures and pressures.
 Possibility of Hazardous Reactions..... Will not occur.
 Conditions to Avoid..... Avoid sources of heat and flame, and electrostatic charge.
 Incompatible Materials..... Avoid contacting with oxidizers.
 Hazardous Decomposition Products..... Normal products of combustion.

PRODUCT: Emzone Screen Cleaner - 118 ml

CODE: P7-047040

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Antistatic (and) UV agents	Not available	Not available
Preservatives	Not available	Not available
Information on Likely Routes of Exposure:		
Routes of entry - Inhalation.....	No.	
Routes of entry - Skin & Eye.....	Yes.	
Routes of entry - Ingestion.....	Yes.	
Routes of entry - Skin Absorption.....	No.	
Symptoms Related to the Physical,	Irritant effects.	
Chemical and Toxicological Characteristics		
Acute Toxicity.....	No known significant effects.	
Skin Corrosion/Irritation.....	Based on available data, the classification criteria are not met.	
Serious Eye Damage/Eye Irritation.....	Not classified.	
Respiratory or Skin Sensitization.....	Not expected to be a skin or respiratory sensitizers.	
Germ Cell Mutagenicity.....	No information is available, and no adverse effects are expected.	
Carcinogenicity.....	Not classified as carcinogenic by ACGIH, IARC, OSHA or NTP.	
Reproductive Toxicity.....	Based on available data, the classification criteria are not met.	
STOT - Single Exposure.....	Not classified.	
STOT - Repeated Exposure.....	Not classified.	
Aspiration Hazard.....	Based on available data, the classification criteria are not met.	
Chronic Effects.....	No long term chronic effects are known or anticipated.	

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity.....	Not established. This product contains the following ingredients: Ethyl alcohol (CAS#: 64-17-5): Toxicity to fish: LC50 14200 mg/L, 96 hrs; Toxicity to other aquatic invertebrates: 9300 mg/L, 48 hrs; Toxicity to algae: not available.
Persistence and degradability	The product itself has not been tested.
Bioaccumulation Potential.....	The product itself has not been tested.
Mobility in Soil.....	The product itself has not been tested.
Other Adverse Effects.....	None Known.

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.

SECTION 15: REGULATORY INFORMATION

Canada Regulations:.....	WHMIS Classification. Not regulated.
US Regulations:.....	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxics under California Proposed 65 at levels which would be subjected to the proposition.

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.
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.
Prepared by	Regulatory Affairs

PRODUCT: Emzone Screen Cleaner - 118 ml

CODE: P7-047040

SECTION 16: OTHER INFORMATION

Latest Revision JAN 10/2019