

Brampton, Ontario, Canada

PRODUCT: Zytec GERM BUSTER Extra Strength Sanitizer Wipes 80% - 100 Wet Wipes**CODE: P1-001355****SECTION 1: IDENTIFICATION**

Product Identity..... Zytec GERM BUSTER Extra Strength Sanitizer Wipes 80% - 100 Wet Wipes
 Product Item Numbers..... P1-001355
 Initial Supplier Identifier.....

24 hour emergency telephone number.... In the event of a transport emergency, contact CANUTEC at 1-613-996-6666. For health emergencies, contact Empack Spraytech Inc. at 1-866-923-2665.
 Recommended Use..... Sanitizer.
 Restrictions on use..... Not available.

SECTION 2: HAZARD IDENTIFICATION

Label Elements:
 Signal Word..... DANGER.
 Hazard Classification:
 Physical Hazards..... Flammable Liquids - Category 2.
 Health Hazards..... Eye Irritation - Category 2B. Specific Target Organ Toxicity, Single Exposure - Category 3.
 Environmental Hazards..... Not Classified.
 Hazard Statement..... H225:Highly flammable liquid and vapour. H320:Causes eye irritation. H335:May cause respiratory irritation.
 Precautionary Statements:
 Prevention..... P210:Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280:Wear eye protection/face protection. P233:Keep container tightly closed. P240:Ground and bond container and receiving equipment. P242:Use non-sparking tools. P243:Take action to prevent static discharges. P241:Use explosion-proof electrical/ventilating/lighting equipment. P261:Avoid breathing dust/fume/gas/mist/vapours/spray. P271:Use only outdoors or in a well-ventilated area.
 Response..... P303+P361+P353:IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water. P370+P378:In case of fire: Use CO2, dry chemicals or foam to extinguish. P305+P351+P338:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P317:If eye irritation persists: Get medical help. P304+P340:IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312:Call a POISON CENTER if you feel unwell.
 Storage..... P403+P235:Store in a well ventilated place. Keep cool. P233:Keep container tightly closed. P405: Store locked up.
 Disposal..... P501:Dispose of contents/container in accordance with local, regional, national, and/or international regulations.
 Other hazards known to the supplier..... Not available.
 Hazard(s) not otherwise classified (HNOC) For external use only. Not expected to cause skin irritation. Discontinue use if rash, redness or itching occurs. KEEP OUT OF REACH OF CHILDREN.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	COMMON NAME & SYNONYMS	CAS #	WT. %
Ethyl alcohol		64-17-5	65-85
Fragrance		Mix	0.1-1

PRODUCT: Zytec GERM BUSTER Extra Strength Sanitizer Wipes 80% - 100 Wet Wipes

CODE: P1-001355

SECTION 4: 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..... Ingestion is not a likely route of exposure. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.

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 5: FIRE-FIGHTING MEASURES

General Fire Hazards..... Use as directed. Flammable.

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.

Special Protective Equipment and Firefighters must use standard protective equipment including flame retardant coat, helmet

Precautions for Firefighters 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 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Use personal protective equipment. Ensure adequate ventilation. Remove all sources of Equipment and Emergency Procedures ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Material can create slippery conditions.

Methods and Materials for Containment .. Non-sparking tools should be used. Soak up with inert absorbent material. Suppress (knock down) gases/vapours/mists with a water spray jet. Keep in suitable, closed and Cleaning Up containers for disposal. Clean contaminated floors and objects thoroughly while observing environmental regulations.

Environmental Precautions..... Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

SECTION 7: 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 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Ethyl alcohol	1000 ppm	1000 ppm	1000 ppm	Not available	1000 ppm
Fragrance	Not established	Not established	Not established	Not established	Not established
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.				
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.				
Respiratory Protection.....	Not required on a short-term basis or if exhaust ventilation is provided. Use approved NIOSH respirators for emergencies.				
Skin Protection.....	Not normally required.				
Thermal Hazards.....	None Known.				

PRODUCT: Zytec GERM BUSTER Extra Strength Sanitizer Wipes 80% - 100 Wet Wipes

CODE: P1-001355

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State.....	Liquid.
Colour.....	Not available.
Odour.....	Mild alcohol .
Melting Point and Freezing Point (°C).....	-115. Approximately. (Ethanol).
Boiling Point or Initial Boiling Point and	78.3. (Ethanol).
Boiling Range (°C)	
Flammability.....	Not applicable.
Lower Explosive Limit (% vol).....	3.3. (Ethanol).
Upper Explosive Limit (% vol).....	19.0. (Ethanol).
Flash Point (°C), Method.....	Not available.
Auto Ignition Temperature (°C).....	Not available.
Decomposition Temperature.....	Not available.
pH.....	No data.
Kinematic Viscosity.....	Not available.
Solubility.....	Soluble in water.
Partition Coefficient — n-Octanol/Water .. (Logarithmic Value)	Not available.
Vapour Pressure (psig).....	Not available.
Density.....	Not available.
Relative Density.....	No data.
Relative Vapour Density	Not available.
Particle Characteristics.....	Not available.
Aerosol Flame Projection.....	Not applicable.
Aerosol Ignition Distance.....	Not applicable.
Flashback.....	Not applicable.
VOC Content.....	No data.
Note.....	NMT = Not More Than.

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.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Ethyl alcohol	31,623 ppm (Rat - 4 hrs)	7,060 mg/kg (Oral - Rat); 20,000 mg/kg (Dermal - Rabbit)
Fragrance	No data	No data
Information on Likely Routes of Exposure:		
Routes of entry - Inhalation.....	Yes.	
Routes of entry - Skin & Eye.....	Yes.	
Routes of entry - Ingestion.....	No.	
Routes of entry - Skin Absorption.....	Yes.	
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.....	Direct contact with eyes causes temporary irritation.	
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.....	Specific target organ toxicity single exposure Category 3. May cause respiratory irritation.	
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.	

PRODUCT: Zytec GERM BUSTER Extra Strength Sanitizer Wipes 80% - 100 Wet Wipes

CODE: P1-001355

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity..... 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)..... UN3175, SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.(ETHANOL), Class 4.1, PG II.

DOT (US-Road)..... UN3175, SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL), Class 4.1, PG II.

IMDG (International- Marine)..... UN3175, SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL), Class 4.1, PG II.

IATA (International- Air)..... UN3175, SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL), Class 4.1, PG II.

Special precautions in connection with None known.

transport or conveyance either within or outside the premises

Environmental hazards..... None known.

SECTION 15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada Regulations:..... Compliant to the current Hazardous Products Regulations (HPR).

Domestic Substances List (DSL)..... Yes.

US Regulations..... All substances contained in this product are listed on the TSCA inventory or are exempt. This product is considered hazardous under the OSHA Hazard Communication Standard.

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.

NFPA Storage Level..... Class IB.

Prepared by Regulatory Affairs

Latest Revision 2024-01-01