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

PRODUCT: Emzone G24 Tech Lube - 320 g (11.3 oz) **CODE: P6-045024**

SECTION 01: IDENTIFICATION

Manufacturer..... Empack Spraytech Inc.
98 Walker Drive
Brampton
Ontario
Canada
L6T 4H6
905-792-6571
Product Item Numbers..... P6-045024
Product Identity..... Emzone G24 Tech Lube - 320 g (11.3 oz)
24 hour emergency telephone number..... CANUTEC: 1-613-996-6666.
Recommended Use..... Garage door, cable lubricant, rust inhibitor.

SECTION 02: HAZARD IDENTIFICATION

Label Elements:
Signal Word..... WARNING.
Hazard Classification:
Physical Hazards..... Flammable Aerosols - Category 2. Gases Under Pressure - Liquefied Gas.
Health Hazards..... Not Classified.
Environmental Hazards..... Not Classified.
Hazard Statement..... H223:Flammable aerosol. H229:Pressurised container: may burst if heated (2).
Precautionary Statements:
Prevention..... P210:Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211:Do not spray on an open flame or other ignition source. P251:Do not pierce or burn, even after use.
Response..... None .
Storage..... P410+P412:Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F. P403:Store in a well ventilated place .
Disposal..... None.
Hazard(s) not otherwise classified (HNOC) None Known.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, high-viscosity	72623-85-9	30-60
Isobutane	75-28-5	10-30
Propane	74-98-6	5-10

SECTION 04: FIRST-AID MEASURES

Inhalation..... If inhaled, remove to fresh air. If not breathing, give artificial respiration and obtain immediate medical assistance. If breathing is difficult, give oxygen and get medical attention. Do not give adrenaline, epinephrine or similar drugs following exposure to this product.
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..... Do not induce vomiting, get medical attention. Rinse mouth. Obtain medical advice.
Most important symptoms/effects, acute .. and delayed Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause redness and pain.

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SECTION 04: FIRST-AID MEASURES

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

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. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific Hazards Arising from the Chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame.
Suitable Extinguishing Media	Dry chemical powder. Carbon dioxide. Foam, water spray or fog.
Unsuitable Extinguishing Media	Do not use water jet as an extinguisher, as this will spread the fire.
General Fire Hazards	Flammable Aerosol.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Avoid walking through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 08).
Methods and Materials for Containment and Cleaning Up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.
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	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Avoid contact with eyes, skin, and clothing. Avoid breathing vapour of this product. Avoid prolonged exposure. Use in well-ventilated areas.
Conditions for Safe Storage including any Incompatibilities	Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C (122°F). Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store away from incompatible materials (see Section 10).

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	ACGIH TLV TWA	ACGIH TLV STEL	OSHA PEL PEL	OSHA PEL STEL	NIOSH REL
Isobutane	Not available	1,000 ppm	Not available	Not available	Not available
Propane	Not available	Not available	1,000 ppm	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	Do not get in eyes. Wear safety glasses with side-shields.
Skin Protection	Chemical resistant gloves are recommended. Avoid contact with the skin. Wear appropriate chemical resistant clothing.
Respiratory Protection	Use dust and mist respirator.
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

Form	Aerosol.
Physical Appearance	Spray mist.
Odor	Petroleum-like.
Odor Threshold (ppm)	Not available.

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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Relative Density/Specific Gravity	Not available.
Vapour Pressure (psig)	Not available.
Vapour Density (Air=1)	Not available.
pH	Not applicable.
Boiling Point (°C)	Not available.
Melting/Freezing Point (°C)	Not available.
Flash Point (°C), Method	-82.8. Closed cup. (Propellant).
Evaporation Rate (n-Butyl Acetate = 1)	Not available.
Solubility in water	Insoluble.
Aerosol Ignition Distance	Ignition Distance of greater than or equal to 15 cm.
VOC Content	NMT 25.
Flashback	Not available.
Auto Ignition Temperature (°C)	460°C (860°F). (Propellant).
Lower Flammable Limit (% Vol)	1.8. (Propellant).
Upper Flammable Limit (% Vol)	8.8. (Propellant).
Note	NMT = Not More Than.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Product not reactive under normal conditions of use.
Chemical Stability	Material is stable under normal conditions.
Possibility of Hazardous Reactions	Will not occur.
Conditions to Avoid	Avoid sources of heat and flame, and electrostatic charge.
Incompatible Materials	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products	Carbon Oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Isobutane	658 mg/L (Rat - 4 hrs)	Not available
Propane	658 mg/L (Rat - 4 hrs)	Not available

Information on Likely Routes of Exposure:

Routes of entry - Inhalation	Yes.
Routes of entry - Skin & Eye	Yes.
Routes of entry - Ingestion	Yes.
Routes of entry - Skin Absorption	No.
Symptoms Related to the Physical, Chemical and Toxicological Characteristics	Irritant effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Defatting of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
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 classified.
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	No information is available, and no adverse effects are expected.
STOT - Single Exposure	Not classified.
STOT - Repeated Exposure	Not classified.
Aspiration Hazard	Not classified.
Chronic Effects	No long term chronic effects are known or anticipated.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment.
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	Avoid release to the environment .

SECTION 13: DISPOSAL CONSIDERATIONS

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

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SECTION 14: TRANSPORT INFORMATION

TDG (Canada- Road).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.
DOT (US-Road).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty., Consumer Commodity ORM-D.
IMDG (International- Marine).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.
IATA (International- Air).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.

SECTION 15: REGULATORY INFORMATION

Canada Regulations:.....	Refer to Section 2 for a WHMIS 2015 Classification for this product.
Canadian Environmental Protection Act ... (CEPA)	All ingredients listed appear on the Domestic Substances List (DSL).
US Regulations.....	Environmental Protection Act: Constituents of this product are included on the TSCA inventory.

SECTION 16: OTHER INFORMATION

Disclaimer.....	The information contained herein is based on data considered accurate. No guarantee or warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. The SDS provider assumes no responsibility for personal injury or property damage to vendors or users or third parties, caused by the material. Such vendors 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.....	Level 2.
Prepared by	Regulatory Affairs
Latest Revision	2023-08-10