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Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name ZEP SANITARY SPRAY LUBRICANT
Product use Lubricant
Product code 0246
Date of issue 04/14/14 **Supersedes** 05/30/11

Emergency Telephone Numbers

For MSDS Information:

Technical Services Group
Telephone (780) 453-8100
(Business Hours 8:00am - 5:00pm)

For Medical or Transportation Emergency

CANUTEC (24 Hours)
(613) 996-6666 - Call Collect

Prepared By

Technical Services Group
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Section 2. Hazards Identification

Emergency overview

CAUTION

FLAMMABLE.

Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapor or mist.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Eye contact. Inhalation.

Eyes Irritating to eyes. Inflammation of the eye is characterized by redness, watering and itching.

Skin No known significant effects or critical hazards.

Inhalation Avoid breathing vapors, spray or mists. Over-exposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

Chronic effects

Repeated or prolonged exposure is not known to aggravate any medical condition.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

MINERAL OIL; petrolatum; mineral oil, white.
BLEND OF ISOBUTANE & PROPANE

CAS number	% by Weight
8042-47-5	60 - 100
74-98-6; 75-28-5	10 - 30

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Skin Contact Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur.

Ingestion Aspiration hazard if swallowed. Can enter lungs and cause damage. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention.

Section 5. Fire Fighting Measures

Flash Point	Not available.
Flammable Limits	Not available.
Flammability	FLAMMABLE. (CSMA)
Auto-ignition Temperature	
Fire-Fighting Procedures	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. In case of fire, use water spray (fog), foam, dry chemical or CO ₂ .
Fire hazard	CONTENTS UNDER PRESSURE. In a fire or if heated, a pressure increase will occur and the container may burst. Bursting aerosol containers may be propelled from a fire at high speed.
Products of Combustion	carbon oxides (CO, CO ₂)
Explosion hazard	Not available.

Section 6. Accidental Release Measures

Spill Clean up	Large spills are unlikely due to packaging. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
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Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep away from heat, sparks and flame. Wash thoroughly after handling.
Storage	Do not store above the following temperature: 49°C (120.2°F). Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Avoid all possible sources of ignition (spark or flame). CONTENTS UNDER PRESSURE. Do not puncture or incinerate container. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

<u>Product name</u>	<u>Exposure limits</u>
No exposure limit value known.	

Personal Protective Equipment (PPE)

Eyes	Recommended: Safety glasses.	
Hands and Body	Recommended: No special protective clothing is required.	
Respiratory	Recommended: A respirator is not needed under normal and intended conditions of product use. Use with adequate ventilation.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. [Aerosol. Oily liquid.]	Color	Clear. Colorless.
pH	Not available.	Odor	Odorless.
Boiling Point	>232.2°C (>450°F)	Vapor Pressure	Not determined.
Specific Gravity	0.871	Vapor Density	Not determined.
Solubility	Insoluble in the following materials: cold water and hot water.	Evaporation Rate	Not determined.
Freezing Point		VOC (Consumer)	148.74 (g/l). 1.24 lbs/gal 14.90%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Slightly reactive or incompatible with the following materials: oxidizing materials. Keep away from heat, sparks and flame.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information**Carcinogenicity** Not available.**Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
White mineral oil (petroleum)	LD50 Oral	Rat	>5000 mg/kg	-

Mutagenicity**Conclusion/Summary** : Not available.**Teratogenicity****Conclusion/Summary** : Not available.**Reproductive toxicity****Conclusion/Summary** : Not available.**Section 12. Ecological Information****Environmental Effects** No known significant effects or critical hazards.**Aquatic Ecotoxicity**

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with applicable regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: D001

Classification: - [Hazardous waste.]

Origin: - [RCRA waste.]

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
TDG Classification	1950	Aerosols, flammable	2.1	-		Explosive Limit and Limited Quantity Index 1
IMDG Class	Not available.	Not available.	Not available.	-		-

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. **Limited Quantity:** Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.

PG* : Packing group

Section 15. Regulatory Information**Canada****WHMIS (Canada)**

Class A: Compressed gas.

Class B-5: Flammable aerosol.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.