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Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: ULTRA SLICK SYNTHETIC MULTI-PURPOSE LUBRICANT W/PTFE 11OZ AE
Item No: 81943
Product Type: Aerosol lubricant

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
HEPTANE 142-82-5	>50	5000 mg/kg	103 g/m ³ /4H	400 ppm
ACETONE 67-64-1	<30	5800 mg/kg	not available	500 ppm
CARBON DIOXIDE 124-38-9	<7	not available	not available	5000 ppm
POLYTETRAFLUOROETHYLENE 9002-84-0	<5	not available	45 mg/m ³ /30M	

III. PHYSICAL DATA

Physical State/Appearance: White liquid/Aerosol
Odour & Odour Threshold: Solvent odour
Specific Gravity: 0.77-0.80 g/ml
Evaporation Rate: >1.0 (butyl acetate = 1)
Vapour Pressure: Not determined
Vapour Density: Heavier than air
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: 100°C (212°F)

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical.
Hazardous Combustion Products: Carbon dioxide, Carbon monoxide
Sensitivity to Static Discharge: Aerosol cans are under pressure and may explode in fire.
Conditions of Flammability: FLAMMABLE: Keep from heat and open flame Contents under pressure Containers may explode if heated
Keep containers cool Use equipment or shielding to protect personnel from bursting containers
Flame projection >15 cm but <100 cm
Flash Point/Range:
Autoignition Temperature: Not determined
Upper Explosive Limit: Heptane: 6.7%
Lower Explosive Limit: Heptane: 1.1%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: Stable
Materials to avoid: Strong oxidizers
Conditions of Reactivity: Avoid excessive heat, sparks and open flame
Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: Preexisting eye, skin and respiratory disorders
Toxicity Information: (See Effects of Acute Exposure to Product)
Effects of Acute Exposure: Excessive exposure may cause headache, nausea, dizziness and in extreme cases, unconsciousness, respiratory depression. Eye contact: Direct contact causes eye irritation. Frequent or prolonged contact may dry and irritate skin and cause a rash.

VI. HAZARDS IDENTIFICATION

Effects of Chronic Exposure: Animals exposed to acetone over long periods of time developed eye and kidney damage.
Irritancy of Product: Irritation of eyes, skin, nose and throat. May cause dermatitis on prolonged contact in sensitive individuals.
Sensitization to Product: (See Effects of Acute Exposure to Product)
Carcinogenicity: (See Effects of Chronic Exposure to Product)
Reproductive Toxicity: (See Effects of Chronic Exposure to Product)
Teratogenicity: (See Effects of Chronic Exposure to Product)
Mutagenicity: (See Effects of Chronic Exposure to Product)
Toxicologically Synergistic Products: None known
WHMIS Hazard Class: B5 FLAMMABLE AEROSOLS, D2B TOXIC MATERIALS

VII. PREVENTATIVE MEASURES

Personal Protection

Eyes: Safety glasses.
Skin: Neoprene or nitrile gloves recommended.
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product. Wear an organic vapor respirator.
Engineering Controls: Follow Canadian and local regulations for disposal.
Spill Procedures: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.
Protection of Man and Environment: Follow Canadian and local regulations for disposal.
Handling Procedures and Equipment: Flammable. Contents under pressure. Do not puncture or incinerate container. Store away from heat, sparks and open flame. Store at temperatures below 50°C. Avoid breathing vapours.
Special Handling Information: Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use. Keep away from heat, sparks and open flame.

VIII. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation: Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.
Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

IX. SHIPPING INFORMATION

Canadian Transportation of Dangerous Goods

Proper Shipping Name: Aerosols (May qualify as a Consumer Commodity or Limited Quantity. Refer to TDG Regulations)
Hazard Class: Class 2.1
UN/ID No: UN 1950

IATA

Proper Shipping Name: Consumer Commodity (Not more than 1 liter)
Class or Division: Class 9
UN/ID Number: ID 8000

IMDG

Proper Shipping: Aerosols, Limited Quantity
Hazard Class: Class 2.1
UN Number: UN 1950

X. PREPARATION INFORMATION

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 4, PHYSICAL HAZARD 0
HMIS is a registered trademark of the National Paint and Coatings Assn.

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 4, REACTIVITY 0
NFPA is a registered trademark of the National Fire Protection Assn.

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AE**

Item No: 81943

X. PREPARATION INFORMATION

Company:

Permatex Canada, Inc. 8450 Lawson Rd. Unit 1, Milton, ON L9T 0A4

Revision Number: 2

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