

H2O CONTROL PRODUCTS INC.

MATERIAL SAFETY DATA SHEET

PRODUCT: **LUBECORP EXCEL 440 PENETRANT LUBRICANT - AEROSOL**
PRODUCT IDENTIFIER: **PETROLEUM LUBRICATING OIL**
CHEMICAL FAMILY: **ALIPHATIC HYDROCARBONS**
COMMON USE: **LUBRICATING OIL**

T.D.G. CLASSIFICATION:	WHMIS CLASSIFICATION:	TARIFF NUMBER (H.S./B.T.N. CODE)
AEROSOLS, non-flammable CLASS 2.2 UN 1950 DOT CLASS: Consumer Commodity, ORM-D	CLASS A: Compressed Gas	2710.19.30.80

HAZARDOUS INGREDIENTS COMPONENTS/	% by Wt.	HAZARD
Petroleum Distillate	10 - 30	Combustible Liquid

SUPPLIER:

H2O Control Products Inc. 1123 Lorne Street, Sudbury, ON P3C 4S8
TELEPHONE (705) 522-5300 FAX (705) 523-0761
LUBECORP EMERGENCY TELEPHONE No's (403) 250-8448 • 1-800-661-6100
DATE PREPARED: Jan 10, 2013

TOXICITY DATA LD 50 LC 50 and SPECIES FOR PRODUCT

This product has not been shown to have adverse health effects in 15 years of manufacture and use.

LD 50 - ORAL: >5000 Mg/Kg (Rat) LD 50 - DERMAL: >2000 Mg/Kg (Rat)

*LC 50 = 1400 PPM/4H (Rat) - (Petroleum Distillate)

*CARCINOGENICITY: The petroleum distillate material in this product is not considered to be a carcinogen by the National Toxicological Program, The International Agency for Research on Cancer or the Occupational Safety and health Administration.

PHYSICAL DATA

Boil. Point @88.9 kPa °C Initial/Final.. 156 – 200	Pour Point..... <-40°C
Vapour Density (air = 1)..... 4.0	Specific Gravity..... 0.970 - 0.975
Vapour Pressure (mmHg @ 20°C)..... N/A	Appearance..... Dark Amber
Solubility in Water % by Wt.Nil	Odor..... Petroleum Oil

REACTIVITY DATA

Incompatibility (Materials to Avoid)	Strong oxidizing and reducing agents.
Hazardous Decomposition Products	Oxides of carbon, hydrogen compounds, and dense smoke produced on combustion.
Can Hazardous Polymerization Occur?	<u>Will not occur.</u>

FIRE AND EXPLOSION HAZARD

Flash Point (C.O.C.)	47°C
Flammable Limits in Air, % by Vol.	N/A
Fire Extinguishing Substances	Foam, CO2, Dry Chemical, Water Fog
Special Fire-Fighting Procedures	Wear self-contained breathing apparatus and full protective clothing. Heating of non-vented containers may cause explosion. Use water spray to cool fire exposed containers. Water may be used to flush spills away from exposure.
Unusual Fire and Explosion Hazards	Extinguish all nearby sources of ignition. May form combustible mixtures at or above flash point.

HEALTH HAZARD INFORMATION**EMERGENCY AND FIRST AID PROCEDURES**

Inhalation	Remove to fresh air. Additional first aid treatment is not ordinarily required.
Ingestion	Do NOT induce vomiting. Call a Physician or Poison Control Center immediately.
Eyes	Flush eyes with water for at least 15 minutes. If irritation persists consult a Physician.
Skin	Wash with soap and water. Wash contaminated clothing before reuse.

SUPPLEMENTAL HEALTH INFORMATION

Product can thermally decompose.
If used as a metal working compound avoid breathing vapours and smoke.
Use local exhaust and ventilation.
Inhalation of oil mist, vapours or smoke from hot oil may cause irritation of the upper respiratory tract. Intensive, long-term exposure to oil mist may cause lung complications.
Prolonged or repeated skin contact may cause various forms of Dermatitis including Folliculitis and Oil Acne.

NOTES TO PHYSICIAN

In general, lubricating oils have a low order of toxicity.
*High pressure injection under the skin may have serious consequences and may require urgent treatment.

SPILL OR LEAK PROCEDURES**STEPS TO BE TAKEN UPON RELEASE OR SPILLAGE**

Remove sources of ignition, ventilate spill area.
Wear adequate clothing and respiratory equipment.
Prevent entry into sewers and water ways, absorb with inert material.
Remove to closed container for disposal.

WASTE DISPOSAL METHOD

Landfill absorbed material in a government approved site.
Incinerate with approval of environmental authority.

SPECIAL PROTECTION INFORMATION**VENTILATION REQUIREMENTS**

Local exhaust recommended to maintain levels below workplace exposure limits.

REPIRATORY PROTECTION

Wear a NIOSH- approved respirator, or depending on measure levels use a mechanical filter, air-purifying respirator for mists. Under conditions of high heat use an air-purifying respirator.

EYE PROTECTION

Chemical Workers goggles or full face shield to protect eyes and face.

OTHER PROTECTION

Impervious gloves, overalls and apron.

REFERENCE USED TO COMPLETE MSDS

Primary Supplier MSDS. Laboratory test results and analysis in conjunction with LubeCorp's experience and handling of this product. Contact MSDS Coordinator, LubeCorp Manufacturing Inc.: 1-800-661-6100

ADDITIONAL NOTES

ABBREVIATIONS

T.D.G. - Transport Dangerous Goods

WHMIS - Workplace Hazardous Materials Information System

C.O.C. - Cleveland Open Cup

REGULATORY INFORMATION

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with Federal, Provincial/State and local laws.

END OF MSDS