



**Wynn's Canada Ltd.** 7090 Edwards Blvd. Mississauga, Ontario Canada L5S 1Z1  
(905) 670-3881 Fax: (905) 670-3829

## MATERIAL SAFETY DATA SHEET

### SECTION 01 : MATERIAL NAME/IDENTIFIER

**PRODUCT NAME** ..... X-TEND NON -CHLORINATED WHITE LITHIUM GREASE (PART # 57505)  
**MANUFACTURER** ..... WYNN'S CANADA LTD.  
 7090 EDWARDS BLVD.  
 MISSISSAUGA, ONTARIO L5S 1Z1  
 CHEMTREC 24 HOUR EMERGENCY TELEPHONE # (703) 527-3887 CALL COLLECT

**CHEMICAL NAME** ..... MIXTURE  
**CHEMICAL FAMILY** ..... NA  
**CHEMICAL FORMULA** ..... NA  
**TRADE NAME AND SYNONYMS** ..... GREASE  
**MOLECULAR WEIGHT** ..... NA  
**MATERIAL USE** ..... GREASE

### SECTION 02: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	APPROXIMATE CONDENSATION %	C.A.S., N.A. OR U.N. NUMBERS	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
HEXANE	34	110-54-3	ND	ND
GREASE (MIXTURE)	34	UNKNOWN	ND	ND
PROPANE/ISOBUTANE	15	74-98-6	ND	ND

### SECTION 03: PHYSICAL DATA

**PHYSICAL STATE** ..... GAS/LIQUID  
**ODOUR THRESHOLD (P.P.M)** ..... 50ppm  
**SPECIFIC GRAVITY** ..... 0.8  
**VAPOUR PRESSURE** ..... 50 PSIG IN CAN  
**VAPOUR DENSITY (AIR=1)** ..... 4.0  
**EVAPORATION RATE** ..... <1  
**BOILING POINT (°C)** ..... >316°C  
**FREEZING POINT (°C)** ..... ND  
**SOLUBILITY IN WATER (20°C)** ..... SLIGHT  
**% VOLATILE (BY VOLUME)** ..... 100%  
**pH** ..... NA  
**COEFFICIENT OF WATER/OIL DISTRIBUTION** ..... ND

**PRODUCT NAME** ..... X-TEND NON CHLORINATED WHITE LITHIUM GREASE

### SECTION 04: FIRE AND EXPLOSION DATA

FLAMMABILITY ..... YES

IF YES, UNDER WHICH CONDITIONS? ..... SPRAY OR VAPOR IS VERY FLAMMABLE WHEN EXPOSED TO HEAT,  
..... SPARK OR OPEN FLAME,

MEANS OF EXTINCTION ..... USE WATER FOG, DRY CHEMICAL OR CARBON DIOXIDE.

SPECIAL PROCEDURES ..... AEROSOL CANS MAY RUPTURE WHEN HEATED.

FLASHPOINT (°C) AND METHOD ..... -40°C T.C.C.

UPPER EXPLOSION LIMIT (% BY VOLUME) ..... 12.0

LOWER EXPLOSION LIMIT (% BY VOLUME)..... 1.8

AUTOIGNITION TEMPERATURE (°C)..... ND

HAZARDOUS COMBUSTION PRODUCTS ..... CO, CO<sub>2</sub>, H<sub>2</sub>O, PHOSGENE, HALOGEN ACIDS.

#### EXPLOSION DATA

SENSITIVITY TO MECHANICAL IMPACT ..... TREAT AS PRESSURIZED CAN

SENSITIVITY TO STATIC DISCHARGE ..... ND

### SECTION 05: REACTIVITY DATA

CHEMICAL STABILITY ..... YES

IF NO, UNDER WHICH CONDITIONS? .....

INCOMPATIBILITY TO OTHER SUBSTANCES ..... YES

IF SO, WHICH ONES?..... ACTIVE METALS, STRONG OXIDIZERS.

REACTIVITY AND UNDER WHAT CONDITIONS?..... ND

HAZARDOUS DECOMPOSITION PRODUCTS ..... CO, CO<sub>2</sub>, H<sub>2</sub>O, PHOSGENE, HALOGEN ACIDS.

### SECTION 06: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

SKIN CONTACT ..... YES

SKIN ABSORPTION..... YES

EYE CONTACT ..... YES

INHALATION..... YES

INHALATION CHRONIC ..... YES

INGESTION..... YES

**PRODUCT NAME** ..... X-TEND NON CHLORINATED WHITE LITHIUM GREASE

EFFECTS OF ACUTE EXPOSURE : INHALATION - DIFFICULTY IN BREATHING, SKIN - REDNESS, INGESTION - VOMITING.

EFFECTS OF CHRONIC EXPOSURE : MAY CAUSE DIZZINESS OR NARCOSIS IN HIGH VAPOUR CONCENTRATIONS. WILL CAUSE DEFATTING OF SKIN. EFFECTS ARE REVERSIBLE. LONG TERM EXPOSURE (YEARS) TO VAPORS MAY CAUSE LUNG, LIVER OR KIDNEY DAMAGE. THE SOLVENTS LISTED HAVE BEEN REPORTED TO AFFECT THE CENTRAL NERVOUS SYSTEM.

EXPOSURE LIMITS .....50ppm BASED ON HEXANE.

IRRITANCY OF MATERIAL .....ND

SENSITIZATION OF MATERIAL.....SENSITIZATION OF SKIN AFTER LONG TERM EXPOSURE.

SYNERGISTIC MATERIALS .....ND

CARCINOGENICITY, REPRODUCTIVE EFFECTS,  
TERATOGENICITY, MUTAGENICITY .....NONE OF THE INGREDIENTS ARE CONSIDERED  
.....CARCINOGENIC.

**SECTION 07: PREVENTIVE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT**

GLOVES (SPECIFY) ..... NONE REQUIRED WHEN SPRAYING.

EYE (SPECIFY) ..... WEAR SAFETY GLASSES.

RESPIRATORY (SPECIFY) ..... SELF CONTAINED BREATHING APPARATUS IF ABOVE TLV LIMIT.

OTHER (SPECIFY) ..... LONG SLEEVES, LONG PANTS.

ENGINEERING CONTROLS ..... LOCAL EXHAUST.

LEAK AND SPILL PROCEDURE ..... USE ABSORBENT SWEEPING COMPOUND TO SOAK UP MATERIAL. PUT  
..... INTO CONTAINER. DISPOSE AS HAZARDOUS WASTE.

WASTE DISPOSAL..... DISPOSE AS HAZARDOUS WASTE IN ACCORDANCE WITH EPA RCRA..

HANDLING PROCEDURES AND EQUIPMENT ..... HANDLE AS A CONSUMER AEROSOL PRODUCT. DO NOT EXPOSE TO  
..... TEMPERATURES ABOVE 120°F.

STORAGE REQUIREMENTS ..... STORE AT TEMPERATURES BELOW 120°F.

SPECIAL SHIPPING INFORMATION ..... US DOT CONSUMER COMMODITY ORM-D.

**PRODUCT NAME** ..... X-TEND NON CHLORINATED WHITE LITHIUM GREASE

**SECTION 08: FIRST AID MEASURES**

INHALATION - GIVE OXYGEN - CALL PHYSICIAN.

INGESTION - DO NOT INDUCE VOMITING - CALL PHYSICIAN.

SKIN AND EYES - WASH EYES AND SKIN WITH WATER - CALL PHYSICIAN.

ADDITIONAL INFORMATION

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**SECTION 09: PREPARATION DATE OF M.S.D.S**

PREPARED BY ..... TECHNICAL DEPARTMENT

TELEPHONE NUMBER ..... (905) 670-3881

DATE..... 03/04/2008

**ADDITIONAL NOTES OR REFERENCES:**