



**Wynn's Canada Ltd.** 7090 Edwards Blvd. Mississauga, Ontario Canada L5S 1Z1  
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## MATERIAL SAFETY DATA SHEET

### SECTION 01 : MATERIAL NAME/IDENTIFIER

**PRODUCT NAME** ..... WYNN'S XTEND INJECTOR CLEANER (PART #61006)

**MANUFACTURER** ..... WYNN'S CANADA LTD.  
7090 EDWARDS BLVD.  
MISSISSAUGA, ONTARIO L5S 1Z1  
CHEMTREC 24 HOUR EMERGENCY TELEPHONE # (703) 527-3887 CALL COLLECT

**CHEMICAL NAME**..... NA

**CHEMICAL FAMILY** ..... NA

**CHEMICAL FORMULA**..... HYDROCARBON

**TRADE NAME AND SYNONYMS** ..... INJECTOR CLEANER/GAS TREATMENT

**MOLECULAR WEIGHT**..... NA

**MATERIAL USE**..... TO CLEAN INJECTORS/TREAT GASOLINE

### 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
SOLVENT NAPHTHA MEDIUM ALIPHATIC	60-100	64742-88-7	N/Av	N/Av
SOLVENT NAPHTHA, LIGHT AROMATIC	1-5	64742-95-6	N/Av	N/Av

### SECTION 03: PHYSICAL DATA

**PHYSICAL STATE** ..... LIGHT CLEAR LIQUID WITH HYDROCARBON ODOUR

**ODOUR THRESHOLD (P.P.M)** ..... NOT ESTABLISHED

**SPECIFIC GRAVITY** ..... APPROXIMATELY 0.79

**VAPOUR PRESSURE**..... GREATER THAN 7 MM HG @ 38°C

**VAPOUR DENSITY (AIR=1)**..... 4.8 (BASED ON MAIN INGREDIENT)

**EVAPORATION RATE** ..... SLOWER THAN ETHER

**BOILING POINT (°C)**..... 150 - 205°C

**FREEZING POINT (°C)** ..... NOT DETERMINED

**SOLUBILITY IN WATER (20°C)**..... INSOLUBLE

**% VOLATILE (BY VOLUME)** ..... >95%

**pH** ..... N/Av

**COEFFICIENT OF WATER/OIL DISTRIBUTION** ..... N/Av

**SOLUBILITY IN OTHER SOLVENTS**..... ALCOHOL, BENZENE, ETHER, CHLOROFORM

**VISCOSITY:** ..... N/Av

**PRODUCT NAME** ..... WYNN'S XTEND INJECTOR CLEANER

### SECTION 04: FIRE AND EXPLOSION DATA

FLAMMABILITY ..... COMBUSTIBLE LIQUID  
 IF YES, UNDER WHICH CONDITIONS? ..... LIQUID MAY BE IGNITED IF EXPOSED TO IGNITION SOURCE. VAPOUR MAY BE IGNITED IF EXPOSED TO IGNITION SOURCE AT TEMPERATURES ABOVE FLASH POINT (SEE BELOW).  
 MEANS OF EXTINCTION ..... DRY CHEMICALS, CARBON DIOXIDE, WATER FOG, FOAM  
 SPECIAL PROCEDURES ..... USE WATER TO COOL FIRE-EXPOSED CONTAINERS. FIRE FIGHTERS MUST WEAR A SELF-CONTAINED BREATHING APPARATUS WHENEVER HYDROCARBONS ARE INVOLVED IN FIRE. DO NOT ENTER ANY ENCLOSED OR CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT. VAPOUR FORMS A FLAMMABLE/EXPLOSIVE MIXTURE WITH AIR BETWEEN UPPER AND LOWER FLAMMABLE LIMITS. EXCLUDE AIR. DO NOT USE WATER EXCEPT AS A FOG. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER. CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOUR PRESSURE BUILDUP THAT COULD RESULT IN CONTAINER RUPTURE. CONTAINER AREAS EXPOSED TO DIRECT FLAME SHOULD BE COOLED WITH LARGE AMOUNTS OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.  
 FLASHPOINT (°C) AND METHOD ..... 42°C (TAG CLOSED CUP)  
 UPPER EXPLOSION LIMIT (% BY VOLUME) ..... 5% (HEAVY FRACTION NAPHTHA SOLVENT)  
 LOWER EXPLOSION LIMIT (% BY VOLUME) ..... 1% (HEAVY FRACTION NAPHTHA SOLVENT)  
 AUTOIGNITION TEMPERATURE (°C) ..... 240°C  
 HAZARDOUS COMBUSTION PRODUCTS ..... NORMAL COMBUSTION FORMS CARBON DIOXIDE, CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS, AND MAY PRODUCE OXIDES OF NITROGEN.

#### EXPLOSION DATA

SENSITIVITY TO MECHANICAL IMPACT ..... NONE INDICATED  
 SENSITIVITY TO STATIC DISCHARGE ..... VAPOURS MAY BE IGNITED BY STATIC AT TEMPERATURES ABOVE 42°C.

### SECTION 05: REACTIVITY DATA

CHEMICAL STABILITY ..... YES  
 IF NO, UNDER WHICH CONDITIONS? ..... STABLE. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.  
 INCOMPATIBILITY TO OTHER SUBSTANCES ..... YES  
 IF SO, WHICH ONES? ..... STRONG OXIDIZING AGENTS  
 REACTIVITY AND UNDER WHAT CONDITIONS? ..... EXCESSIVE HEAT, OPEN FLAMES, TEMPERATURES ABOVE THE FLASH POINT.  
 HAZARDOUS DECOMPOSITION PRODUCTS ..... THERMAL DECOMPOSITION MAY FORM CARBON DIOXIDE, WATER VAPOUR AND MAY PRODUCE OXIDES OF NITROGEN. CAN PRODUCE CARBON MONOXIDE.

### SECTION 06: TOXICOLOGICAL PROPERTIES

#### ROUTE OF ENTRY:

SKIN CONTACT ..... YES  
 SKIN ABSORPTION ..... YES  
 EYE CONTACT ..... YES  
 INHALATION ..... YES  
 INHALATION CHRONIC .....  
 INGESTION ..... YES

**PRODUCT NAME** .....WYNN'S XTEND INJECTOR CLEANER

**EFFECTS OF ACUTE EXPOSURE :**

SKIN: NOT A PRIMARY SKIN IRRITANT. DERMAL LD50 IS GREATER THAN 3000 MG/KG (RAT).

EYES: NON-IRRITATING TO THE EYES

INHALATION: VAPORS OR MIST MAY CAUSE MILD IRRITATION TO THE UPPER RESPIRATORY TRACT. LC50 IS GREATER THAN 5500 MG/KG FOR 4 HOURS.

INGESTION: OVERALL ORAL LD50 IN RATS IS GREATER THAN 5000 MG/KG. MAY CAUSE VOMITING, NAUSEA OR DIARRHEA. ASPIRATION INTO THE LUNGS MUST BE AVOIDED.

EFFECTS OF CHRONIC EXPOSURE : PROLONGED AND REPEATED CONTACT WITH SKIN CAN CAUSE DEFATTING AND DRYING OF THE SKIN, RESULTING IN SKIN IRRITATION AND DERMATITIS. PROLONGED EXPOSURE TO HIGH VAPOUR CONCENTRATION CAN CAUSE HEADACHE, DIZZINESS, NAUSEA, BLURRED VISION AND CENTRAL NERVOUS SYSTEM DEPRESSION. PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGREGATED BY EXPOSURE TO THIS PRODUCT.

EXPOSURE LIMITS .....GENERAL ACGIH-TLV OF 5 MG/M3 FOR OIL MISTS

IRRITANCY OF MATERIAL .....IRRITANT TO SKIN ON LONG EXPOSURE

SENSITIZATION OF MATERIAL .....NOT AVAILABLE

SYNERGISTIC MATERIALS .....NOT KNOWN

CARCINOGENICITY, REPRODUCTIVE EFFECTS,  
TERATOGENICITY, MUTAGENICITY .....NONE KNOWN.

## SECTION 07: PREVENTIVE MEASURES

### PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY) ..... IMPERVIOUS GLOVES SUCH AS VITON OR NITRILE

EYE (SPECIFY) ..... CHEMICAL SAFETY GOOGLES AND/OR FULL FACE SHIELD

RESPIRATORY (SPECIFY) ..... NORMAL USE CONDITION NONE REQUIRED. IF EXPOSURE EXCEEDS OCCUPATION EXPOSURE LIMITS, USE APPROPRIATE NIOSH-APPROVED RESPIRATORY WITH ORGANIC VAPOUR CARTRIDGES.

OTHER (SPECIFY) ..... CLOSED AREA WHERE HIGH VAPORS ARE PRESENT, A NIOSH APPROVED ORGANIC VAPOR RESPIRATOR IS RECOMMENDED. EYE WASH STATION SHOULD BE AVAILABLE.

ENGINEERING CONTROLS ..... AN EXPLOSION PROOF LOCAL EXHAUST IS RECOMMENDED TO REDUCE VAPOURS.

LEAK AND SPILL PROCEDURE ..... ELIMINATE SOURCES OF IGNITION. WEAR PROPER RESPIRATOR AND CLOTHING. ABSORB LIQUID WITH INERT ABSORBENT MATERIAL. USE NON-SPARKING TOOLS AND SHOVEL INTO WASTE CONTAINERS. REMOVE OUT OF DOORS. AVOID LIQUID FROM ENTERING SEWERS AND WATERWAYS.

WASTE DISPOSAL ..... DISPOSE OF IN AN APPROVED DISPOSAL FACILITY IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS

HANDLING PROCEDURES AND EQUIPMENT ..... HANDLE WITH REASONABLE CARE. AVOID CONTACT WITH SKIN AND EYES. USE ENTIRE CONTENTS. DO NOT STORE IN OPENED CONTAINERS.

STORAGE REQUIREMENTS ..... STORE IN COOL DRY PLACE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME.

SPECIAL SHIPPING INFORMATION ..... PETROLEUM DISTILLATES, N.O.S. (MINERAL SPIRITS), CLASS 3, UN1268, PACKING GROUP III.

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### SECTION 08: FIRST AID MEASURES

SWALLOWING: DO NOT INDUCE VOMITING. GUARD AGAINST ASPIRATION INTO LUNGS BY HAVING THE INDIVIDUAL TURN ON TO LEFT SIDE. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IMMEDIATELY. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS.

SKIN: WASH CONTAMINATED SKIN WITH MILD SOAP AND WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING WHILE WASHING. IF IRRITATION OCCURS AND PERSISTS, OBTAIN MEDICAL ATTENTION.

INHALATION: REMOVE VICTIM FROM FURTHER EXPOSURE AND RESTORE BREATHING IF REQUIRED. OBTAIN MEDICAL ATTENTION.

EYE CONTACT: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES, WHILE HOLDING EYELIDS OPEN. OBTAIN MEDICAL ATTENTION AS SOON AS POSSIBLE AFTER FIRST AID HAS BEEN INITIATED AND COMPLETED.

NOTES TO PHYSICIAN:

THE MAIN HAZARD FOLLOWING ACCIDENTAL INGESTION IS ASPIRATION OF THE LIQUID INTO LUNGS PRODUCING CHEMICAL PNEUMONITIS. CARDIAC ARRHYTHMIAS HAVE BEEN REPORTED WITH SOLVENT EXPOSURE. IF MORE THAN 2.0 ML/KG HAS BEEN INGESTED, VOMITING SHOULD BE INDUCED WITH SUPERVISION. IF SYMPTOMS SUCH AS LOSS OF GAG REFLEX, CONVULSIONS OR UNCONSCIOUSNESS OCCUR BEFORE VOMITING, GASTRIC LAVAGE WITH A CUFFED ENTOTRACHEAL TUBE SHOULD BE CONSIDERED.

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

PREPARED BY ..... ICC INC. FOR WYNN'S CANADA

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

DATE ..... 03/04/2008

#### ADDITIONAL NOTES OR REFERENCES:

CCOHS CHEMINFO DATABASE

SUPPLIER MSDS