



**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** ..... WYNN'S ENGINE TUNE UP (PART #63604)  
**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** ..... 63604  
**TRADE NAME AND SYNONYMS** ..... NA  
**MOLECULAR WEIGHT** ..... NA  
**MATERIAL USE** ..... NA

### 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
Mixture of severely hydrotreated paraffinic oils (C12-C50)	60-90	Mixture	N/Av	N/Av
Methyl isobutyl carbinol	5-10	108-11-2	2590 mg/kg	N/Av
Cyclohexanone	1-5	108-94-1	1535 mg/kg	>2000 ppm/4Hours
2(2-Butoxyethoxy)-ethanol	1-5	112-34-5	6560 mg/kg	N/Av
Diacetone alcohol	0.5-1.5	123-42-2	4000 mg/kg	N/Av

### SECTION 03: PHYSICAL DATA

**PHYSICAL STATE** ..... CLEAR VISCOUS LIQUID, SOLVENT ODOUR  
**ODOUR THRESHOLD (P.P.M)** ..... N/Av  
**SPECIFIC GRAVITY** ..... 0.855g/ml  
**VAPOUR PRESSURE** ..... N/Av  
**VAPOUR DENSITY (AIR=1)** ..... N/Av  
**EVAPORATION RATE** ..... N/Av  
**BOILING POINT (°C)** ..... 266°F (130°C)  
**FREEZING POINT (°C)** ..... BELOW 32°F (0°C)  
**SOLUBILITY IN WATER (20°C)** ..... PRACTICALLY INSOLUBLE  
**% VOLATILE (BY VOLUME)** ..... 30%  
**pH** ..... N/Av  
**COEFFICIENT OF WATER/OIL DISTRIBUTION** ..... N/Av

**PRODUCT NAME** ..... WYNN'S ENGINE TUNE UP

### SECTION 04: FIRE AND EXPLOSION DATA

FLAMMABILITY ..... COMBUSTIBLE LIQUID. MAY CAUSE FLASH FIRE OR EXPLOSION IF IGNITED.  
 IF YES, UNDER WHICH CONDITIONS? ..... LIQUID MAY BE IGNITED BY DIRECT CONTACT WITH IGNITION SOURCE. VAPOUR MAY BE IGNITED BY SPARK OR FLAME IF HEATED ABOVE FLASHPOINT (SEE BELOW).  
 MEANS OF EXTINCTION ..... DRY CHEMICAL, CO<sub>2</sub>, FOAM, WATER SPRAY.  
 SPECIAL PROCEDURES ..... WEAR A SELF-CONTAINED BREATHING APPARATUS WHEN FIRE FIGHTING. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY TO AVOID OVERHEATING.  
 FLASHPOINT (°C) AND METHOD ..... ABOVE 110°F 44°C  
 UPPER EXPLOSION LIMIT (% BY VOLUME) ..... NO DATA AVAILABLE  
 LOWER EXPLOSION LIMIT (% BY VOLUME) ..... NO DATA AVAILABLE  
 AUTOIGNITION TEMPERATURE (°C) ..... N/Av  
 HAZARDOUS COMBUSTION PRODUCTS ..... CARBON OXIDES (CO, CO<sub>2</sub>), SMOKE AND IRRITATING FUMES AS PRODUCTS OF INCOMPLETE COMBUSTION.

#### EXPLOSION DATA

SENSITIVITY TO MECHANICAL IMPACT ..... NOT EXPECTED TO BE SENSITIVE TO MECHANICAL IMPACT.  
 SENSITIVITY TO STATIC DISCHARGE ..... LIQUID AND VAPOUR SENSITIVE TO STATIC DISCHARGE IF HEATED ABOVE FLASHPOINT (SEE ABOVE).

### SECTION 05: REACTIVITY DATA

CHEMICAL STABILITY ..... YES. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.  
 IF NO, UNDER WHICH CONDITIONS? ..... NOT APPLICABLE  
 INCOMPATIBILITY TO OTHER SUBSTANCES ..... YES  
 IF SO, WHICH ONES? ..... STRONG OXIDIZING AGENTS.  
 REACTIVITY AND UNDER WHAT CONDITIONS? ..... PRODUCT MAY START TO DECOMPOSE IF HEATED TO EXCESSIVELY HIGH TEMPERATURES.  
 HAZARDOUS DECOMPOSITION PRODUCTS ..... CARBON OXIDES (CO, CO<sub>2</sub>), SMOKE AND IRRITATING FUMES AS PRODUCTS OF INCOMPLETE COMBUSTION.

### 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** ..... WYNN'S ENGINE TUNE UP

EFFECTS OF ACUTE EXPOSURE : INHALATION - MAY CAUSE HEADACHE, DIZZINESS OR RESPIRATORY IRRITATION ON PROLONGED CONTACT, PARTICULARLY IF PRODUCT IS HEATED OR SPRAYED. EYE CONTACT - IRRITANT, MAY CAUSE INJURY, INCLUDING IMMEDIATE PAIN, SEVERE BURNS AND CORNEAL DAMAGE AND CONJUNCTIVITIS. SEVERE EXPOSURE MAY, IF UNTREATED, CAUSE PERMANENT EYE DAMAGE. SKIN CONTACT - MAY CAUSE IRRITATION ON PROLONGED CONTACT. INGESTION - HARMFUL IF SWALLOWED. SWALLOWING OF LARGE AMOUNTS MAY CAUSE NAUSEA, GASTROINTESTINAL UPSET AND ABDOMINAL PAIN.

**EFFECTS OF CHRONIC EXPOSURE**

PROLONGED EXPOSURE MAY CAUSE DAMAGE TO ORGAN SYSTEMS SUCH AS CENTRAL NERVOUS SYSTEM, LIVER AND KIDNEYS. CONTAINS INGREDIENTS MAY ALSO CAUSE DEPRESSION, CATARACTS, RED BLOOD HEMOLYSIS (DAMAGE TO RED BLOOD CELLS).

EXPOSURE LIMITS ..... HYDROTREATED PARAFFIN OILS: ACGIH-TLV-TWA: 5 MG/M3 (OIL MIST). METHYL ISOBUTYL CARBINOL: 25 PPM (SKIN). CYCLOHEXANOL: 25 PPM (SKIN). DIACETONE ALCOHOL: 50 PPM. 2(2-BUTOXYETHOXY)-ETHANOL: NOT LISTED

IRRITANCY OF MATERIAL ..... SKIN AND EYES

SENSITIZATION OF MATERIAL ..... NOT REPORTED TO CAUSE ALLERGIES

SYNERGISTIC MATERIALS ..... NONE KNOWN

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY ..... NO EFFECTS REPORTED

## SECTION 07: PREVENTIVE MEASURES

### PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY) ..... TO AVOID PROLONGED OR EXCESSIVE SKIN CONTACT, SELECT GLOVES OF NEOPRENE, POLYVINYL ALCOHOL (PVA), PVC OR BUYL RUBBER.

EYE (SPECIFY) ..... SAFETY GLASSES WITH SIDE SHIELDS IF SPLASHING IS UNAVOIDABLE.

RESPIRATORY (SPECIFY) ..... NOT REQUIRED FOR NORMAL USE. IF MATERIAL HEATED OR SPRAYED, SELECT A NIOSH-APPROVED CARTRIDGE-TYPE RESPIRATOR, WITH ORGANIC VAPOUR CARTRIDGES.

OTHER (SPECIFY) ..... AVOID SKIN CONTACT BY WEARING BODY-COVERING CLOTHING.

ENGINEERING CONTROLS ..... REGULAR MECHANICAL VENTILATION IS SUFFICIENT FOR NORMAL USE.

LEAK AND SPILL PROCEDURE ..... SMALL SPILLS - WIPE UP AND DISPOSE TO GARBAGE. LARGE SPILLS - ELIMINATE ALL SOURCES OF IGNITION. CONTAIN SPILL. ABSORB WITH NATURAL OR SYNTHETIC ABSORBENT AND DISPOSE IN ACCORDANCE TO LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

WASTE DISPOSAL ..... DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

HANDLING PROCEDURES AND EQUIPMENT ..... AVOID PROLONGED SKIN CONTACT. AVOID EYE CONTACT. WASH THOROUGHLY AFTER HANDLING. KEEP AWAY FROM FLAMES, SPARKS AND OTHER IGNITION SOURCES.

STORAGE REQUIREMENTS ..... STORE IN A COOL, DRY, VENTILATED AREA.

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**SECTION 08: FIRST AID MEASURES**

INHALATION: REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION. IF AVAILABLE, ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. SEEK IMMEDIATE MEDICAL ATTENTION FOR SEVERE EXPOSURES.

EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTION.

SKIN: WASH WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

INGESTION: HARMFUL IF SWALLOWED - SEEK IMMEDIATE MEDICAL ATTENTION.

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

PREPARED BY ..... TECHNICAL DEPARTMENT

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

DATE..... 12/13/2007

**ADDITIONAL NOTES OR REFERENCES:**