

POWER STEERING FLUSH KIT (HONDA) #11001

(8 PAGES)



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 POWER STEERING RACK AND PINION FLUSH (COMPONENT 1) (PART #62402,4)
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 HYDROCARBON BLEND
 CHEMICAL FORMULA..... NA
 TRADE NAME AND SYNONYMS NA
 MOLECULAR WEIGHT..... NA
 MATERIAL USE FLUSH POWER STEERING UNIT

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
PETROLEUM OIL	45-50%	64742-58-1	NA	NA
PETROLEUM OIL	23-27%	68334-30-5	NA	NA

SECTION 03: PHYSICAL DATA

PHYSICAL STATE LIQUID
 ODOUR THRESHOLD (P.P.M) NA
 SPECIFIC GRAVITY 0.87
 VAPOUR PRESSURE..... ND
 VAPOUR DENSITY (AIR=1)..... ND
 EVAPORATION RATE ND
 BOILING POINT (°C)..... 162-399°
 FREEZING POINT (°C) -26°
 SOLUBILITY IN WATER (20°C) ND
 % VOLATILE (BY VOLUME) 2.5Z5
 pH NA
 COEFFICIENT OF WATER/OIL DISTRIBUTION NA

PRODUCT NAME X-TEND POWER STEERING RACK AND PINION FLUSH(COMPONENT 1)

SECTION 04: FIRE AND EXPLOSION DATA

FLAMMABILITY NO

IF YES, UNDER WHICH CONDITIONS?

MEANS OF EXTINCTION DRY CHEMICALS, CARBON DIOXIDE, WATER FOG, FOAM.

SPECIAL PROCEDURES USE WATER TO COOL FIRE EXPOSED CONTAINERS. FIRE FIGHTERS
 WEAR A SELF-CONTAINED BREATHING APPARATUS WHEN
 HYDROCARBONS ARE INVOLVED IN FIRE.

FLASHPOINT (°C) AND METHOD 143°C CLOSED CUP ASTM D-93

UPPER EXPLOSION LIMIT (% BY VOLUME) ND

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

AUTOIGNITION TEMPERATURE (°C)..... ND

HAZARDOUS COMBUSTION PRODUCTS OXIDES OF CARBON, NITROGEN, ZINC

EXPLOSION DATA

SENSITIVITY TO MECHANICAL IMPACT NA

SENSITIVITY TO STATIC DISCHARGE NA

SECTION 05: REACTIVITY DATA

CHEMICAL STABILITY YES

IF NO, UNDER WHICH CONDITIONS? HEAT, OPEN FLAME, SPARKS.

INCOMPATIBILITY TO OTHER SUBSTANCES YES

IF SO, WHICH ONES? WATER, SULFURIC, NITRIC ACIDS, SODIUM HYDROXIDE.

REACTIVITY AND UNDER WHAT CONDITIONS?..... NA

HAZARDOUS DECOMPOSITION PRODUCTS OXIDES OF CARBON, NITROGEN, ZINC, UNIDENTIFIED ORGANIC
 COMPOUNDS.

SECTION 06: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

SKIN CONTACT.....

SKIN ABSORPTION..... YES

EYE CONTACT YES

INHALATION..... YES

INHALATION CHRONIC

INGESTION.....

PRODUCT NAME X-TEND POWER STEERING RACK AND PINION FLUSH(COMPONENT 1)

EFFECTS OF ACUTE EXPOSURE : INHALATION: VAPORS MAY CAUSE MILD IRRITATION TO THE UPPER RESPIRATORY TRACT.
 SWALLOWING: MAY CAUSE VOMITING. IRRITATION TO THE DIGESTIVE TRACT.
 SKIN CONTACT: PROLONGED CONTACT MAY CAUSE DRYING OF SKIN, REDNESS, IRRITATION.
 EYE CONTACT: IRRITATION, REDNESS, BLURRED VISION.

EFFECTS OF CHRONIC EXPOSURE : NONE CURRENTLY KNOWN.

EXPOSURE LIMITS5mg/m³ AS MIST

IRRITANCY OF MATERIALSLIGHT IRRITANT TO THE EYES.

SENSITIZATION OF MATERIAL.....NA

SYNERGISTIC MATERIALSNA

CARCINOGENICITY, REPRODUCTIVE EFFECTS,
 TERATOGENICITY, MUTAGENICITYNOT LISTED BY NTP, IARC, OSHA.

SECTION 07: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY)..... NITRILE GLOVES.

EYE (SPECIFY) SAFETY GLASSES.

RESPIRATORY (SPECIFY)NORMAL USE CONDITIONS. NONE REQUIRED.

OTHER (SPECIFY)NONE SPECIAL UNDER NORMAL USE CONDITIONS, EYE WASH STATION.

ENGINEERING CONTROLS LOCAL EXHAUST TO CONTROL MIST OR VAPORS.

LEAK AND SPILL PROCEDURE ISOLATE AREA AND RESTRICT ENTRY. COMBUSTIBLE. ELIMINATE
 SOURCES OF IGNITION. ABSORB SPILLED LIQUID WITH INERT
 ABSORBENT. SHOVEL INTO WASTE CONTAINERS. PREVENT LIQUID
 FROM ENTERING SEWERS AND WATERWAYS.

WASTE DISPOSAL..... IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, PROVINCIAL AND
 LOCAL REGULATIONS.

HANDLING PROCEDURES AND EQUIPMENT..... CAUTION: COMBUSTIBLE LIQUID. HANDLE WITH CARE. AVOID
 CONTACT WITH SKIN AND EYES. KEEP OUT OF REACH OF CHILDREN.

STORAGE REQUIREMENTS STORE IN COOL DRY PLACE.

SPECIAL SHIPPING INFORMATIONCOMBUSTIBLE LIQUID UN 1270 ORM-D (PETROLEUM DISTILLATE).

PRODUCT NAME X-TEND POWER STEERING RACK AND PINION FLUSH(COMPONENT 1)

SECTION 08: FIRST AID MEASURES

SWALLOWING: DO NOT INDUCE VOMITING. GIVE 2 CUPS OF WATER. CALL A PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER.

EYES: FLUSH EYES WITH LARGE VOLUMES OF WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, CALL FOR PHYSICIAN.

INHALATION: REMOVE PERSON TO FRESH AIR TO AVOID FURTHER INHALATION.

ADDITIONAL INFORMATION

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

PREPARED BY TECHNICAL DEPARTMENT

TELEPHONE NUMBER (905) 670-3881

DATE..... 3/18/2011

ADDITIONAL NOTES OR REFERENCES:



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MATERIAL SAFETY DATA SHEET

SECTION 01 : MATERIAL NAME/IDENTIFIER

PRODUCT NAME WYNN'S TYPE H/A POWER STEERING FLUID (PART #39601)
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 HYDROCARBON BLEND
 CHEMICAL FORMULA NA
 TRADE NAME AND SYNONYMS NA
 MOLECULAR WEIGHT NA
 MATERIAL USE POWER STEERING FLUID

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
PETROLEUM OIL	80-90	64742-58-1	NA	NA
PETROLEUM OIL	10-20	72623-86-0	NA	NA

SECTION 03: PHYSICAL DATA

PHYSICAL STATE LIQUID
 ODOUR THRESHOLD (P.P.M) NA
 SPECIFIC GRAVITY 0.87
 VAPOUR PRESSURE <1
 VAPOUR DENSITY (AIR=1) >1
 EVAPORATION RATE <1
 BOILING POINT (°C) 260°C
 FREEZING POINT (°C) ND
 SOLUBILITY IN WATER (20°C) NEGLIGIBLE
 % VOLATILE (BY VOLUME) NEGLIGIBLE
 pH NA
 COEFFICIENT OF WATER/OIL DISTRIBUTION NA

PRODUCT NAME WYNN'S TYPE H/A POWER STEERING FLUID

SECTION 04: FIRE AND EXPLOSION DATA

FLAMMABILITY NO

IF YES, UNDER WHICH CONDITIONS? NA

MEANS OF EXTINCTION DRY CHEMICALS, CARBON DIOXIDE , WATER FOG, FOAM.

SPECIAL PROCEDURES USE WATER TO COOL FIRE EXPOSED CONTAINERS, FIRE FIGHTERS
 WEAR A SELF-CONTAINED BREATHING APPARATUS WHEN
 HYDROCARBONS ARE INVOLVED IN FIRE.

FLASHPOINT (°C) AND METHOD 146°C CLEVELAND OPEN CUP ASTM D-92.

UPPER EXPLOSION LIMIT (% BY VOLUME) ND

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

AUTOIGNITION TEMPERATURE (°C)..... ND

HAZARDOUS COMBUSTION PRODUCTS THERMAL DECOMPOSITION MAY PRODUCE ALDEHYDES, HYDROGEN
 SULFIDE, AND OXIDES OF CARBON, SULFUR, NITROGEN, PHOSPHOROUS,
 ZINC AND METHACRYLATE MONOMERS.

EXPLOSION DATA

SENSITIVITY TO MECHANICAL IMPACT NA

SENSITIVITY TO STATIC DISCHARGE NA

SECTION 05: REACTIVITY DATA

CHEMICAL STABILITY YES

IF NO, UNDER WHICH CONDITIONS? HEAT OPEN FLAME.

INCOMPATIBILITY TO OTHER SUBSTANCES YES

IF SO, WHICH ONES?..... WATER, OXIDIZING AGENTS.

REACTIVITY AND UNDER WHAT CONDITIONS?..... NA

HAZARDOUS DECOMPOSITION PRODUCTS THERMAL DECOMPOSITION MAY PRODUCE ALDEHYDES, HYDROGEN
 SULFIDE, AND OXIDES OF CARBON, SULFUR, NITROGEN,
 PHOSPHOROUS, ZINC AND METHACRYLATE MONOMERS.

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 TYPE H/A POWER STEERING FLUID

EFFECTS OF ACUTE EXPOSURE :

INHALATION: VAPOURS GENERATED AT HIGH TEMPERATURE CAN CAUSE IRRITATION TO THE RESPIRATORY TRACT.

INGESTION (SWALLOWING): DO NOT SWALLOW. MAY CAUSE MILD IRRITATION TO THE DIGESTIVE TRACT. SIGNS AND SYMPTOMS ARE DISCOMFORT, NAUSEA, VOMITING.

SKIN CONTACT: CAN CAUSE IRRITATION TO SKIN. PROLONGED CONTACT CAUSES REDNESS, DEFATTING OF SKIN TO SENSITIVE INDIVIDUALS.

EYE CONTACT: MAY BE SLIGHTLY IRRITATING TO THE EYES ON DIRECT CONTACT.

EFFECTS OF CHRONIC EXPOSURE : THIS MATERIAL HAS NOT BEEN IDENTIFIED AS A CARCINOGEN BY NTP, IARC, OR OSHA. PROLONGED AND REPEATED CONTACT WITH SKIN AND EYES MAY CAUSE SKIN AND EYE IRRITATION, DEFATTING OF SKIN AND REDNESS.

EXPOSURE LIMITS ND

IRRITANCY OF MATERIAL NA

SENSITIZATION OF MATERIAL NA

SYNERGISTIC MATERIALS NA

CARCINOGENICITY, REPRODUCTIVE EFFECTS,
TERATOGENICITY, MUTAGENICITY NOT LISTED BY IARC, NTP, OSHA.

SECTION 07: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY) CHEMICAL RESISTANT.

EYE (SPECIFY) SAFETY GLASSES

RESPIRATORY (SPECIFY) NORMAL USE, NONE REQUIRED.

OTHER (SPECIFY) EYE WASH STATION.

ENGINEERING CONTROLS LOCAL EXHAUST TO CONTROL MIST IF GENERATED.

LEAK AND SPILL PROCEDURE CONTAIN LIQUID WITH INERT ABSORBENT. SHOVEL INTO WASTE
CONTAINERS. KEEP LIQUID OUT OF SEWERS AND WATERWAYS.

WASTE DISPOSAL IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, PROVINCIAL AND
LOCAL REGULATIONS.

HANDLING PROCEDURES AND EQUIPMENT CAUTION: CONTAINS PETROLEUM OIL. AVOID SKIN AND EYE CONTACT.
USE ENTIRE CONTENTS. KEEP OUT OF REACH OF CHILDREN.

STORAGE REQUIREMENTS STORE IN COOL DRY PLACE.

SPECIAL SHIPPING INFORMATION PETROLEUM OIL NA 1270 ORM-D.

PRODUCT NAME WYNN'S TYPE H/A POWER STEERING FLUID

SECTION 08: FIRST AID MEASURES

INGESTION (SWALLOWING): DO NOT INDUCE VOMITING. GIVE 2-3 CUPS OF WATER OR MILK. CALL A PHYSICIAN IMMEDIATELY.

SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS, CALL FOR MEDICAL HELP.

EYES: FLUSH WITH WATER FOR 15 MINUTES. CALL A PHYSICIAN IF IRRITATION PERSISTS.

INHALATION: REMOVE PERSON TO FRESH AIR TO AVOID FURTHER INHALATION.

ADDITIONAL INFORMATION TREATMENT SHOULD BE CONTROLLED BY SYMPTOMS AND CLINICAL CONDITIONS. EMESIS MAY BE INDUCED UNDER MEDICAL SUPERVISION.

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

PREPARED BY TECHNICAL DEPARTMENT

TELEPHONE NUMBER (905) 670-3881

DATE..... 3/18/2011

ADDITIONAL NOTES OR REFERENCES:

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