

**Global Parts Order Processing
Material Safety Data Sheet
SELKIRK CHRYSLER (MB) LTD.**

March 14, 2013
15:21

C H R Y S L E R

HAZARD COMMUNICATION SHEET

5172499 RETIRED FORMULA
EFFECTIVE DATE : 10/16/09

PART/COMMTY CD: 0VU01426
SUPPLIER: 86056 MFGR: 09300
STANDARD: N/AV

*** SECTION 01 - PRODUCT INFORMATION ***

MFG BY: SERVICE AND PARTS CHRYSLER CANADA LTD
GENERAL OFFICE 2540 - CHRYSLER CTR WINDSOR, ONT N9A4H6 CANADA
EMERGENCY PHONE: 248-512-8002 AFTER HOURS: 248-576-8888
DIST BY: SERVICE AND PARTS CHRYSLER CANADA LTD
GENERAL OFFICE 2540 - CHRYSLER CTR WINDSOR, ONT N9A4H6 CANADA
EMERGENCY PHONE: 248-512-8002 AFTER HOURS: 248-576-8888
CHRYSLER INDUSTRIAL HYGIENE: 248-512-8260 AFTER HOURS: 248-576-8888
BRAND NAME: VU01426 FUEL INJECTOR CLEANER
MFG ID : F2390-1
DESCRIPTION: CLEANER-POWERTRAIN
PRODUCT IDENTIFICATION NUMBER(PIN): N/AP

*** SECTION 02 - INGREDIENTS ***

HAZARDOUS INGREDIENTS: PERCENT CHRYSLER
COMM NAME / CAS NO & CHEM NAME: BY WGT TWA STEL CEIL UNITS NOTATIONS
EXISTING INGREDIENTS
MINERAL SPIRITS RULE 66 5-10 100 400 N/AP PPM
064742-47-8A DISTILLATES (PETROLEUM LD50: N/AV N/AV N/A N/A
IDLH: 1100 PPM LC50: N/AV N/AV N/A N/A
STODDARD SOLVENT 5-10 100 N/AP N/AP PPM
008052-41-3 STODDARD SOLVENT (8CI9 LD50: N/AV N/AV N/A N/A
IDLH: 1100 PPM LC50: N/AV N/AV N/A N/A
LUBRICATING OILS, PETROLEUM, C>25 30-60 5 10 N/AP MG/M3 I1
072623-83-7 LUBRICATING OILS, PETR LD50: 22.000GM/KG ORL MUS N1 A2
IDLH: N/AP LC50: N/AV N/AV N/A N/A
LUBRICATING OILS (PETROLEUM), HYD 30-60 5 10 N/AP MG/M3
064742-58-1A LUBRICATING OILS (PETR LD50: 22.000GM/KG ORL MUS
IDLH: N/AP LC50: N/AV N/AV N/A N/A
RESIDUAL OILS (PETROLEUM), HYDROT 30-60 5 10 N/AP MG/M3
064742-57-0A RESIDUAL OILS (PETROLE LD50: 22.000GM/KG ORL MUS
IDLH: N/AP LC50: N/AV N/AV N/A N/A
GENERIC DESC: MIXTURE(S) OF THE FOLLOWING: AROMATIC HYDROCARBON(S) AND
PETROLEUM DISTILLATE(S).

FOR EXPLANATION OF "NOTATIONS", SEE THE HAZARD COMMUNICATION SHEET
EXPLANATIONS PAGE.

CONSULT LOCAL AUTHORITIES FOR ACCEPTABLE EXPOSURE LIMITS.

*** SECTION 03 - PHYSICAL DATA ***

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BOILING POINT : N/AV SOLUB IN WATER: NEGLIGIBLE (< 0.1%)
VAPOR PRESSURE: N/AV EVAP. RATE: N/AV REF: N/AV
VAPOR DENSITY : > 1.000 AT SPECIFIC GRAVITY: 0.880 AT
PH AT FULL STRENGTH: N/AV PH AT REC. DILUT: N/AV
%VOLATILE BY VOL : N/AV VOLATILE ORGANIC COMP: N/AV N/AV
ODOR THRESHOLD: N/AV PPM FOR % POPULATION
FREEZING POINT: N/AV COEFF. OF WATER/OIL DIST: N/AV
APPEARANCE & ODOR: APPEARANCE: CLEAR..... APPEARANCE: LIGHT..... COLOR:
YELLOW..... STATE: LIQUID..... ODOR: AROMATIC.....

*** SECTION 04 - FIRE AND EXPLOSION DATA ***

FLASH POINT: 76 C TCC IGN TEMP: N/AV LEL: N/AV UEL: N/AV
SPECIAL FIRE & EXPLOSION HAZARDS:
COMBUSTIBLE. MAY PRODUCE TOXIC THERMAL DECOMPOSITION PRODUCTS. MATERIAL IS
HIGHLY VOLATILE AND READILY GIVES OFF VAPORS/GAS WHICH MAY TRAVEL ALONG THE
GROUND OR BE MOVED BY VENTILATION AND CAUSE FLASH FIRES OR BE IGNITED
EXPLOSIVELY BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING,
ELECTRIC MOTORS, OR OTHER SOURCES OF IGNITION AT LOCATIONS DISTANT FROM
MATERIAL HANDLING POINT. MAY REACT WITH OXIDIZERS.
EXTINGUISHING MEDIA:
SMALL FIRE-CARBON DIOXIDE OR DRY CHEMICAL. LARGE FIRE-ALCOHOL FOAM OR WATER
FOG.
SPECIAL FIREFIGHTING PROCEDURES:
AVOID BREATHING VAPOR OR FUMES. USE PROTECTIVE CLOTHING. USE SELF-CONTAINED
BREATHING APPARATUS. USE WATER TO COOL FIRE EXPOSED CONTAINERS. DO NOT USE
WATER IN STRAIGHT STREAMS.
FLAMMABILITY CONDITIONS:
MAY IGNITE WHEN EXPOSED TO HEAT OR OPEN FLAME.
SENSITIVE TO MECHANICAL IMPACT?: N/AP SENSITIVE TO STATIC DISCHARGE?: YES
HAZARDOUS COMBUSTION PRODUCTS:
ORGANIC COMPOUNDS, CARBON MONOXIDE AND CARBON DIOXIDE.
FLAME PROJECTION: N/AP FLAMMABILITY: YES

*** SECTION 05 - REACTIVITY DATA ***

STABILITY: STABLE
CONDITIONS TO AVOID:
HIGH TEMPERATURE, SPARKS OR OPEN FLAME.
MATERIALS TO AVOID:
STRONG OXIDIZING AGENTS.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
POLYMERIZATION CONDITIONS TO AVOID:
POLYMERIZATION WILL NOT OCCUR.
HAZARDOUS DECOMPOSITION PRODUCTS:
THERMAL DECOMPOSITION MAY PRODUCE THE FOLLOWING: ORGANIC COMPOUNDS, CARBON

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MONOXIDE AND CARBON DIOXIDE.

*** SECTION 06 - TOXICOLOGICAL PROPERTIES ***

EFFECTS OF OVEREXPOSURE-ACUTE & CHRONIC:

<----INHALATION----> HIGH CONCENTRATIONS-VAPOR AND/OR MIST MAY PRODUCE THE FOLLOWING: IRRITATION OF UPPER RESPIRATORY TRACT AND ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONSCIOUSNESS OR COMA. <----SKIN CONTACT----> REPEATED CONTACT-MAY PRODUCE THE FOLLOWING: IRRITATION, ITCHING AND/OR SKIN RASH. SKIN CONTACT MAY PRODUCE DEFATTING AND DRYING OF SKIN. <----EYE CONTACT----> DIRECT CONTACT MAY PRODUCE THE FOLLOWING: IRRITATION AND TEARING. VAPOR AND/OR MIST MAY PRODUCE THE FOLLOWING: PAIN AND/OR CONJUNCTIVITIS (AN INFLAMED EYE).

<----INGESTION----> DILUTE CONCENTRATIONS-SHOULD NOT BE HARMFUL. CONCENTRATED SOLUTIONS-MAY BE HARMFUL OR FATAL IF SWALLOWED. MAY CAUSE UPSET STOMACH, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION (GOING DOWN THE WRONG PIPE INTO THE WINDPIPE) MAY CAUSE THE FOLLOWING: CHEMICAL PNEUMONITIS (AN INFLAMMATION OF THE LUNGS SIMILAR TO PNEUMONIA, WHICH IS CAUSED BY GETTING THE LIQUID FORM OF A CHEMICAL INTO THE LUNGS) AND/OR ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONSCIOUSNESS OR COMA. <----SPECIAL TOXICITY----> COMPONENTS HAVE BEEN SHOWN TO CAUSE TUMORS IN ANIMALS. MAY CAUSE REPRODUCTIVE EFFECTS.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS:

PRODUCT LD50: N/AV	N/AV	N/AV	N/AV
PRODUCT LC50: N/AV	N/AV	N/AV	N/AV

*** SECTION 07 - PREVENTIVE MEASURES ***

RESPIRATORY PROTECTION:

NO SPECIAL PROTECTION NEEDED UNDER NORMAL CONDITIONS. TO MAINTAIN THE TLV, THE FOLLOWING MAY BE NEEDED: ORGANIC VAPOR RESPIRATOR AND/OR MIST RESPIRATOR.

VENTILATION TYPE:

THE FOLLOWING MAY BE ADEQUATE: GOOD GENERAL VENTILATION. TO MAINTAIN THE TLV, THE FOLLOWING MAY BE NEEDED: LOCAL EXHAUST VENTILATION.

PROTECTIVE GLOVES:

RECOMMENDED. FOR DIRECT SKIN CONTACT WITH PRODUCT USE THE FOLLOWING: POLYVINYL ALCOHOL (PVA) GLOVES, NEOPRENE GLOVES OR VITON GLOVES.

EYE PROTECTION:

RECOMMENDED. SAFETY GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE EQUIP:

TO AVOID PROLONGED SKIN CONTACT, USE THE FOLLOWING: CLOTHING (SAME MATERIAL AS GLOVES) OR APRON (SAME MATERIAL AS GLOVES) AND WEAR LONG SLEEVES. PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE REUSE. A SAFETY SHOWER MAY BE NEEDED FOR EMERGENCY SITUATIONS. AN EYE WASH MAY BE NEEDED FOR EMERGENCY SITUATIONS.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

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AVOID BREATHING VAPORS. VENTILATE AREA. WEAR PROTECTIVE CLOTHING. WEAR RESPIRATORY PROTECTION. ELIMINATE ALL IGNITION SOURCES (FLAMES, HOT SURFACES AND ELECTRICAL, STATIC OR FRICTIONAL SPARKS). SHUT OFF SOURCE OF LEAK IF POSSIBLE. EVACUATE PERSONNEL NOT EQUIPPED WITH PROTECTIVE CLOTHING AND EQUIPMENT. LARGE SPILL-CONTAIN WITH EARTH OR SAND TO PREVENT ENTERING DRAINS. PUMP INTO STORAGE CONTAINER. ABSORB ON AN INERT MATERIAL AND REMOVE WITH NON-SPARKING TOOLS. DISCARD INTO SEALED CONTAINERS FOR DISPOSAL. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES OR EXTENSIVE LAND AREAS.

WASTE DISPOSAL METHODS:

DISPOSE OF IN A MANNER CONSISTENT WITH STATE, PROVINCIAL, LOCAL, AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

COMBUSTIBLE. STORE IN A COOL, DRY PLACE. KEEP FROM HEAT, SPARK OR OPEN FLAMES. STORE SEPARATE FROM INCOMPATIBLE MATERIALS. REACTS WITH OXIDIZERS. STORE IN A WELL VENTILATED AREA. USE WITH ADEQUATE VENTILATION. DO NOT CUT EMPTY CONTAINER WITH A TORCH. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. AVOID FREE-FALL OF LIQUID IN EXCESS OF A FEW INCHES.

OTHER PRECAUTIONARY MEASURES:

AVOID BREATHING MIST. AVOID BREATHING VAPOR. AVOID SKIN CONTACT. AVOID EYE CONTACT. AVOID INGESTION. DO NOT SMOKE OR EAT WHEN HANDLING THIS SUBSTANCE; WASH THOROUGHLY AFTER USING. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. MAINTAIN GOOD HOUSEKEEPING AND HYGIENIC PRACTICES.

*** SECTION 08 - FIRST AID MEASURES ***

EMERGENCY FIRST AID PROCEDURES:

<----INHALATION----> REMOVE TO FRESH AIR AT ONCE. IF PULMONARY SYMPTOMS DEVELOP, CONSULT A PHYSICIAN. IF BREATHING IS DIFFICULT, GIVE OXYGEN. ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. CARDIAC RESUSCITATION IF INDICATED. <----SKIN CONTACT----> REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. APPLY SKIN CREAM IF DEFATTING OF SKIN OCCURS. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. <----EYE CONTACT----> REMOVE CONTACT LENSES TO ASSURE COMPLETE FLUSHING. RINSE EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER, OCCASIONALLY LIFTING BOTH UPPER AND LOWER LIDS. CONTINUE FOR 15 MINUTES. CONTACT A PHYSICIAN. <----INGESTION----> DO NOT INDUCE VOMITING-CALL PHYSICIAN IMMEDIATELY. DRINK LARGE QUANTITIES OF WATER. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT LIQUID FROM SEEPING INTO THE WINDPIPE AND LUNGS. IF VICTIM IS DROWSY OR UNCONSCIOUS, PLACE ON THE LEFT SIDE WITH THE HEAD DOWN. DO NOT GIVE ANYTHING BY MOUTH.

*** SECTION 09 - PREPARED BY INFORMATION ***

DATA SHEET PREPARED BY:

INDUSTRIAL HYGIENE DEPARTMENT
CHRYSLER
PHONE: 248-512-8260

PREPARED BY: STAFF
REVIEWED BY: LM TOTSKY
REVISED BY: PA KUHNHENN