

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

March 14, 2013
15:28

C H R Y S L E R
HAZARD COMMUNICATION SHEET

294180 DRAFT
EFFECTIVE DATE : 08/03/11

PART/COMMTY CD: 0VU00100
SUPPLIER: 86056 MFGR: 03500
STANDARD: N/AV

*** SECTION 01 - PRODUCT INFORMATION ***

MFG BY: PART SALES & SERVICE CHRYSLER
26311 LAWRENCE AVE CENTERLINE MI 48015
EMERGENCY PHONE: 248-512-8002 AFTER HOURS: 248-576-8888
DIST BY: PART SALES & SERVICE CHRYSLER
26311 LAWRENCE AVE CENTERLINE MI 48015
EMERGENCY PHONE: 248-512-8002 AFTER HOURS: 248-576-8888
CHRYSLER INDUSTRIAL HYGIENE: 248-512-8260 AFTER HOURS: 248-576-8888
BRAND NAME: MOPAR PENETRATING FLUID
MFG ID : N/AV
DESCRIPTION: LUBRICANT-POWERTRAIN,BODY
PRODUCT IDENTIFICATION NUMBER(PIN): UN1950

*** SECTION 02 - INGREDIENTS ***

HAZARDOUS INGREDIENTS: PERCENT CHRYSLER
COMM NAME / CAS NO & CHEM NAME: BY WGT TWA STEL CEIL UNITS NOTATIONS
EXISTING INGREDIENTS
METHYL ISOBUTYL CARBINOL 5-10 25 40 N/AP PPM S
000108-11-2 2-PENTANOL, 4-METHYL- LD50: 2590.000MG/KG ORL RAT
IDLH: 400 PPM LC50: N/AV N/AV N/A N/A
BENZENE, 1,3,5-TRIMETHYL- (9CI) 1-5 25 N/AP N/AP PPM
000108-67-8 BENZENE, 1,3,5-TRIMETH LD50: N/AV N/AV N/A N/A
IDLH: N/AP LC50: 24.000GM/M3 IHL RAT
ETHYLENE GLYCOL BUTYL ETHER 5-10 25 N/AP N/AP PPM S
000111-76-2 ETHANOL, 2-BUTOXY- (8C LD50: 470.000MG/KG ORL RAT A3
IDLH: 700 PPM LC50: 926.010PPM IHL MUS
XYLENE 1-5 100 150 N/AP PPM
001330-20-7 BENZENE, DIMETHYL- (9C LD50: 4300.000MG/KG ORL RAT
IDLH: 1000 PPM LC50: 5000.000PPM IHL RAT
AMMONIUM HYDROXIDE ((NH4)(OH)) 1-5 25 N/AV N/AV PPM
001336-21-6 AMMONIUM HYDROXIDE ((N LD50: 350.000MG/KG ORL RAT
IDLH: N/AV LC50: N/AV N/AV N/A N/A
DIETHYL BENZENE 1-5 10 N/AP N/AP PPM
025340-17-4 BENZENE, DIETHYL- (8CI LD50: N/AV N/AV N/A N/A
IDLH: N/AV LC50: N/AV N/AV N/A N/A
AROMATIC SOLVENT 100 10-30 50 400 N/AP PPM
064742-95-6 SOLVENT NAPHTHA, PETRO LD50: N/AV N/AV N/A N/A
IDLH: 1100 PPM LC50: N/AV N/AV N/A N/A
PETROLEUM GASES, LIQUEFIED, SWEET 10-30 1000 N/AP N/AP PPM

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068476-86-8 PETROLEUM GASES, LIQUE LD50: N/AV N/AV N/A N/A
IDLH: 9000 PPM LC50: N/AV N/AV N/A N/A
PSEUDOCUMENE 10-30 25 N/AP N/AP PPM
000095-63-6 BENZENE, 1,2,4-TRIMETH LD50: 5.000GM/KG ORL RAT
IDLH: N/AP LC50: 18.000GM/M3 IHL RAT
CUMENE 1-5 50 N/AP N/AP PPM S I2B
000098-82-8 BENZENE, (1-METHYLETHY LD50: 1400.000MG/KG ORL RAT
IDLH: 900 PPM LC50: 17465.540MG/M3 IHL MUS
DISTILLATES (PETROLEUM), HYDROTRE 1-5 5 10 N/AP MG/M3
064742-52-5A DISTILLATES (PETROLEUM LD50: 22.000GM/KG ORL MUS
IDLH: N/AP LC50: N/AV N/AV N/A N/A
HYDROTREATED LIGHT NAPHTHENIC DIS 1-5 5 10 N/AP MG/M3
064742-53-6A DISTILLATES (PETROLEUM LD50: 22.000GM/KG ORL MUS
IDLH: N/AP LC50: N/AV N/AV N/A N/A
OLEIC ACID 5-10 N/AP N/AP N/AP N/AP
000112-80-1 9-OCTADECENOIC ACID (Z LD50: 74.000GM/KG ORL RAT
IDLH: N/AP LC50: N/AV N/AV N/A N/A
GENERIC DESC: MIXTURE(S) OF THE FOLLOWING: SOLVENT(S), WATER, PETROLEUM OIL,
METAL OXIDE(S) AND NITROGEN COMPOUND(S).

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

CONSULT LOCAL AUTHORITIES FOR ACCEPTABLE EXPOSURE LIMITS.

*** SECTION 03 - PHYSICAL DATA ***

BOILING POINT : N/AV C SOLUB IN WATER: MODERATE (1 - 10%)
VAPOR PRESSURE: N/AV EVAP. RATE: N/AV REF: N/AV
VAPOR DENSITY : > 1.000 AT SPECIFIC GRAVITY: 0.906 AT 15 C
PH AT FULL STRENGTH: < 10.5 PH AT REC. DILUT: N/AV
%VOLATILE BY VOL : N/AV VOLATILE ORGANIC COMP: 4.68470 LB/GAL
ODOR THRESHOLD: N/AV PPM FOR % POPULATION
FREEZING POINT: N/AV COEFF. OF WATER/OIL DIST: N/AV
APPEARANCE & ODOR: FORM: SPRAY OR AEROSOL..... ODOR: SOLVENT..... AND ODOR:
AMINE.....

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

FLASH POINT: 43 C TCC IGN TEMP: N/AV LEL: N/AV UEL: N/AV
SPECIAL FIRE & EXPLOSION HAZARDS:

KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT,
SPARKS AND OPEN FLAME. CLOSED CONTAINER MAY EXPLODE WHEN EXPOSED TO EXTREME
HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. NEVER USE
WELDING OR CUTTING TORCH ON OR NEAR CONTAINER (EVEN EMPTY) BECAUSE PRODUCT
(OR RESIDUE) CAN IGNITE EXPLOSIVELY. VAPOR OR MIST ACCUMULATIONS MAY FLASH
AND/OR EXPLODE IF IGNITED. CONTENTS UNDER PRESSURE. MAY EXPLODE IF EXPOSED
TO HEAT OR FLAME. MATERIAL IS HIGHLY VOLATILE AND READILY GIVES OFF
VAPORS/GAS WHICH MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION AND

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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.

EXTINGUISHING MEDIA:

LARGE FIRE-ALCOHOL FOAM OR WATER FOG. SMALL FIRE-CARBON DIOXIDE OR DRY CHEMICAL.

SPECIAL FIREFIGHTING PROCEDURES:

USE WATER TO COOL FIRE EXPOSED CONTAINERS. DO NOT USE WATER IN STRAIGHT STREAMS. FIGHT FIRE FROM PROTECTED AREA. USE PROTECTIVE CLOTHING. EVACUATE PERSONNEL FROM AREA.

FLAMMABILITY CONDITIONS:

CONTENTS UNDER PRESSURE. MAY EXPLODE IF EXPOSED TO HEAT OR FLAME. VAPOR OR MIST ACCUMULATIONS MAY FLASH AND/OR EXPLODE IF IGNITED. 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. SENSITIVE TO MECHANICAL IMPACT?: N/AV SENSITIVE TO STATIC DISCHARGE?: N/AV

HAZARDOUS COMBUSTION PRODUCTS:

CARBON MONOXIDE AND CARBON DIOXIDE, VARIOUS HYDROCARBONS.

FLAME PROJECTION: > 3 CM

FLAMMABILITY: YES

*** SECTION 05 - REACTIVITY DATA ***

STABILITY: STABLE

CONDITIONS TO AVOID:

HIGH TEMPERATURE, SPARKS OR OPEN FLAME, STATIC ELECTRICITY.

MATERIALS TO AVOID:

STRONG OXIDIZING AGENTS, PEROXIDES, STRONG ACID.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

POLYMERIZATION CONDITIONS TO AVOID:

POLYMERIZATION WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS:

THERMAL DECOMPOSITION MAY PRODUCE THE FOLLOWING: CARBON MONOXIDE AND CARBON DIOXIDE AND VARIOUS HYDROCARBONS.

*** SECTION 06 - TOXICOLOGICAL PROPERTIES ***

EFFECTS OF OVEREXPOSURE-ACUTE & CHRONIC:

<----INHALATION----> HIGH CONCENTRATION 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----> MAY PRODUCE THE FOLLOWING: IRRITATION AND

DEFATTING AND DRYING OF SKIN. MAY BE ABSORBED THROUGH SKIN. <----EYE CONTACT----> VAPOR MAY PRODUCE THE FOLLOWING: IRRITATION AND TEARING. LIQUID MAY PRODUCE THE FOLLOWING: PAIN AND IRRITATION AND TEARING.

<----INGESTION----> MAY BE HARMFUL IF SWALLOWED. MAY CAUSE UPSET STOMACH,

N/AV

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THOROUGHLY AFTER USING. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. REACTS WITH OXIDIZERS. DO NOT CUT EMPTY CONTAINER WITH A TORCH. DO NOT CUT, GRIND, WELD OR DRILL ON OR NEAR CONTAINER. STORE AT TEMPERATURE BELOW 100 F (38 C). DO NOT FREEZE.

OTHER PRECAUTIONARY MEASURES:

AVOID BREATHING VAPOR. AVOID SKIN CONTACT. AVOID EYE CONTACT. CONTENTS ARE UNDER PRESSURE. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID). MAINTAIN GOOD HOUSEKEEPING AND HYGIENIC PRACTICES. KEEP OUT OF REACH OF CHILDREN.

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

EMERGENCY FIRST AID PROCEDURES:

<----INHALATION----> REMOVE TO FRESH AIR AT ONCE. ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. CARDIAC RESUSCITATION IF INDICATED. CONTACT A PHYSICIAN. <----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. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. <----INGESTION----> DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER OR MILK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONTACT A PHYSICIAN. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT LIQUID FROM SEEPING INTO THE WINDPIPE AND LUNGS.

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

DATA SHEET PREPARED BY:

INDUSTRIAL HYGIENE DEPARTMENT
CHRYSLER

PHONE: 248-512-8260

PREPARED BY: KP RIDELLA

REVIEWED BY:

REVISED BY: KP RIDELLA