

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

March 14, 2013
14:59

C H R Y S L E R
HAZARD COMMUNICATION SHEET

292935 DRAFT
EFFECTIVE DATE : 05/16/11

PART/COMMTY CD: 0BF00014
SUPPLIER: 93652 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: DOW BRAKE FLUID 310
MFG ID : 310
DESCRIPTION: FLUID-BRAKE
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
DIETHYLENE GLYCOL BUTYL ETHER 1-5 100 N/AV N/AV PPM
000112-34-5 ETHANOL, 2-(2-BUTOXYET LD50: 5660.000MG/KG ORL RAT
IDLH: N/AV LC50: N/AV N/AV N/A N/A
TRIETHYLENE GLYCOL N-BUTYL ETHER 10-30 N/AP N/AP N/AP N/AP
000143-22-6 ETHANOL, 2-Ý2-(2-BUTOX LD50: 6730.000MG/KG ORL RAT
IDLH: N/AP LC50: N/AV N/AV N/A N/A
TRIETHYLENE GLYCOL (8CI) 10-30 N/AP N/AP N/AP N/AP
000112-27-6 ETHANOL, 2,2'-Ý1,2-ETH LD50: 17.000GM/KG ORL RAT
IDLH: N/AP LC50: N/AV N/AV N/A N/A
DIISOPROPANOLAMINE 1-5 N/AP N/AP N/AP N/AP
000110-97-4 2-PROPANOL, 1,1'-IMINO LD50: 6720.000MG/KG ORL RAT
IDLH: N/AP LC50: N/AV N/AV N/A N/A
SODIUM PHOSPHATE (NA3PO4) 1-5 N/AP N/AP N/AP N/AP
007601-54-9 PHOSPHORIC ACID, TRISO LD50: > 20.000MG/KG SKN RBT
IDLH: N/AP LC50: N/AV N/AV N/A N/A
GENERIC DESC: GLYCOL(S), ETHER(S), POLYMER(S), SOLVENT(S), ALCOHOL(S),
AMINE(S), ALKALI AND CARBON.

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 : 262 C SOLUB IN WATER: N/AV
VAPOR PRESSURE: N/AV EVAP. RATE: N/AV REF: N/AV
VAPOR DENSITY : 6.000 AT SPECIFIC GRAVITY: 1.040 AT
PH AT FULL STRENGTH: 9.5 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: COLOR: COLORLESS.....-COLOR: YELLOW....., STATE:
LIQUID..... AND ODOR: ETHER.....

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

FLASH POINT: 135 C COC IGN TEMP: N/AV LEL: N/AV UEL: N/AV
SPECIAL FIRE & EXPLOSION HAZARDS:
EXPOSURE TO INTENSE HEAT AND DIRECT FLAME MAY RESULT IN PRESSURE BUILD-UP
IN CONTAINER, CAUSING WEAKENING OR RUPTURING OF THE CONTAINER. DO NOT USE
WATER IN STRAIGHT STREAMS.
EXTINGUISHING MEDIA:
WATER FOG, DRY CHEMICAL, CARBON DIOXIDE AND FOAM.
SPECIAL FIREFIGHTING PROCEDURES:
DO NOT USE WATER IN STRAIGHT STREAMS. EVACUATE PERSONNEL FROM AREA. USE
WATER TO COOL FIRE EXPOSED CONTAINERS. FIGHT FIRE FROM EXPLOSION RESISTANT
AREA. REMOVE CONTAINERS FROM FIRE AREA IF POSSIBLE. CONTAIN MATERIAL WITH
EARTH OR SAND TO PREVENT FIRE FROM SPREADING. USE SELF-CONTAINED BREATHING
APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER
POSITIVE PRESSURE MODE. USE PROTECTIVE CLOTHING. FIGHT FIRE FROM PROTECTED
AREA.
FLAMMABILITY CONDITIONS:
MAY IGNITE WHEN EXPOSED TO HEAT OR OPEN FLAME.
SENSITIVE TO MECHANICAL IMPACT?: N/AV SENSITIVE TO STATIC DISCHARGE?: N/AV
HAZARDOUS COMBUSTION PRODUCTS:
CARBON MONOXIDE AND CARBON DIOXIDE, OXIDES OF NITROGEN AND SMOKE.
FLAME PROJECTION: N/AV FLAMMABILITY: N/AV

*** SECTION 05 - REACTIVITY DATA ***

STABILITY: STABLE
CONDITIONS TO AVOID:
HIGH TEMPERATURE OR HEAT.
MATERIALS TO AVOID:
STRONG ALKALI, STRONG OXIDIZING AGENTS AND 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

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DIOXIDE, OXIDES OF NITROGEN, ALDEHYDES, KETONES, ORGANIC ACIDS.

*** SECTION 06 - TOXICOLOGICAL PROPERTIES ***

EFFECTS OF OVEREXPOSURE-ACUTE & CHRONIC:

<<---INGESTION--->> LARGE QUANTITIES-MAY CAUSE UPSET STOMACH, NAUSEA, VOMITING AND DIARRHEA. MAY PRODUCE THE FOLLOWING: DIZZINESS AND DROWSINESS. GASTROINTESTINAL PAIN. <<---EYE CONTACT--->> MAY PRODUCE THE FOLLOWING: MINOR IRRITATION. MAY PRODUCE THE FOLLOWING: TEMPORARY CORNEAL DAMAGE <<---SKIN CONTACT--->> SHOULD NOT BE HARMFUL. <<---INHALATION--->> MIST WILL PRODUCE THE FOLLOWING: IRRITATION OF UPPER RESPIRATORY TRACT AND MAY BE IRRITATING TO EYES, NOSE, AND THROAT.

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:

THE FOLLOWING MAY BE NEEDED IF SIGNIFICANT VAPORS OR MIST ARE GENERATED:
ORGANIC VAPOR RESPIRATOR. USE A PREFILTER.

VENTILATION TYPE:

GOOD GENERAL VENTILATION AND LOCAL EXHAUST VENTILATION. THIS EQUIPMENT MAY BE NEEDED TO MAINTAIN THE TLV.

PROTECTIVE GLOVES:

RECOMMENDED. DEPENDING ON THE PROCESS, THE FOLLOWING MAY BE NEEDED: BUTYL RUBBER GLOVES, NATURAL RUBBER GLOVES, NEOPRENE GLOVES, POLYVINYLCHLORIDE (PVC) GLOVES, VITON GLOVES.

EYE PROTECTION:

RECOMMENDED. CHEMICAL GOGGLES.

OTHER PROTECTIVE EQUIP:

BOOTS (SAME MATERIAL AS GLOVES), CLOTHING (SAME MATERIAL AS GLOVES) OR APRON (SAME MATERIAL AS GLOVES) AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

CONTAIN WITH EARTH OR SAND TO PREVENT ENTERING DRAINS. ABSORB WITH CLEAN DRY SAND. ABSORB WITH DIATOMACIOUS EARTH. WEAR PROTECTIVE CLOTHING. PROVIDE ADEQUATE VENTILATION. WEAR RESPIRATORY PROTECTION. ELIMINATE ALL IGNITION SOURCES (FLAMES, HOT SURFACES AND ELECTRICAL, STATIC OR FRICTIONAL SPARKS). EVACUATE AREA. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES OR EXTENSIVE LAND AREAS.

WASTE DISPOSAL METHODS:

ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES OR EXTENSIVE LAND AREAS. PREVENT GROUNDWATER CONTAMINATION. DISPOSE OF IN A MANNER CONSISTENT WITH STATE, PROVINCIAL, LOCAL, AND FEDERAL DISPOSAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. DO NOT STORE IN OPEN OR

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UNLABELED CONTAINERS. USE WITH ADEQUATE VENTILATION. AVOID SKIN CONTACT. AVOID EYE CONTACT. AVOID BREATHING MIST. WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. REACTS WITH ALKALIS. REACTS WITH ACIDS. REACTS WITH OXIDIZERS. DO NOT SMOKE OR EAT WHEN HANDLING THIS SUBSTANCE; WASH THOROUGHLY AFTER USING. DO NOT WEAR CONTACT LENSES WHEN USING THIS MATERIAL.

OTHER PRECAUTIONARY MEASURES:

STORE IN A COOL, DRY PLACE. AND STORE INDOORS. STORE AWAY FROM DIRECT SUNLIGHT. MAINTAIN GOOD HOUSEKEEPING AND HYGIENIC PRACTICES.

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

EMERGENCY FIRST AID PROCEDURES:

<<---INGESTION--->> DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. <<---EYE CONTACT--->> RINSE EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER, OCCASIONALLY LIFTING BOTH UPPER AND LOWER LIDS. CONTINUE FOR 15 MINUTES. REMOVE CONTACT LENSES TO ASSURE COMPLETE FLUSHING. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. <<---SKIN CONTACT--->> IMMEDIATELY FLUSH CONTAMINATED AREA WITH LARGE AMOUNTS OF WATER. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. <<---INHALATION--->> REMOVE TO FRESH AIR AT ONCE. IF CONDITION PERSISTS, CONSULT A PHYSICIAN.

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

DATA SHEET PREPARED BY:

INDUSTRIAL HYGIENE DEPARTMENT
CHRYSLER
PHONE: 248-512-8260

PREPARED BY: STAFF
REVIEWED BY:
REVISED BY: