

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

March 14, 2013
15:27

CHRYSLER
HAZARD COMMUNICATION SHEET

139836
EFFECTIVE DATE : 07/28/03

PART/COMMTY CD: 04318013
SUPPLIER: 37637 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 BRIGHT METAL CLEANER
MFG ID : 720-1104 04318013
DESCRIPTION: CLEANER-CHROME
PRODUCT IDENTIFICATION NUMBER(PIN): UN1993

*** SECTION 02 - INGREDIENTS ***

HAZARDOUS INGREDIENTS: PERCENT CHRYSLER
COMM NAME / CAS NO & CHEM NAME: BY WGT TWA STEL CEIL UNITS NOTATIONS
EXISTING INGREDIENTS
AMMONIUM HYDROXIDE ((NH4)(OH)) 5-10 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
ETHYL ALCOHOL 1-5 1000 N/AP N/AP PPM
000064-17-5 ETHANOL (9CI) LD50: 7060.000MG/KG ORL RAT
IDLH: 3300 PPM LC50: 10000.000PPM IHL RAT
METHYL ISOBUTYL KETONE 0.1-1.0 50 75 N/AP PPM I2B
000108-10-1 2-PENTANONE, 4-METHYL- LD50: 2080.000MG/KG ORL RAT
IDLH: 500 PPM LC50: 23300.000MG/M3 IHL MUS
GASOLINE, NATURAL 0.1-1.0 50 500 N/AP PPM I2B
008006-61-9 GASOLINE, NATURAL LD50: N/AV N/AV N/A N/A A3
IDLH: N/AV LC50: 43.300GM/M3 IHL RAT
OXALIC ACID 1-5 1 2 N/AP MG/M3
000144-62-7 ETHANEDIOIC ACID (9CI) LD50: 375.000MG/KG ORL RAT
IDLH: 500 MG/M3 LC50: N/AV N/AV N/A N/A
FATTY ACIDS, TALL-OIL 5-10 N/AP N/AP N/AP N/AP
061790-12-3 FATTY ACIDS, TALL-OIL LD50: N/AV N/AV N/A N/A
IDLH: N/AP LC50: N/AV N/AV N/A N/A

GENERIC DESC: MIXTURE(S) OF THE FOLLOWING: WATER, AROMATIC HYDROCARBON(S),
ALIPHATIC HYDROCARBON(S), ACID(S), ALKALI AND ALCOHOL(S).

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

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CONSULT LOCAL AUTHORITIES FOR ACCEPTABLE EXPOSURE LIMITS.

*** SECTION 03 - PHYSICAL DATA ***

BOILING POINT : 100 C SOLUB IN WATER: COMPLETE (IN ALL PROPOR
VAPOR PRESSURE: N/AV EVAP. RATE: N/AV REF: N/AV
VAPOR DENSITY : N/AV SPECIFIC GRAVITY: 1.160 AT 20 C
PH AT FULL STRENGTH: 9.6 PH AT REC. DILUT: N/AV
%VOLATILE BY VOL : 70.0 VOLATILE ORGANIC COMP: N/AV N/AV
ODOR THRESHOLD: N/AV PPM FOR % POPULATION
FREEZING POINT: 0.0 C COEFF. OF WATER/OIL DIST: N/AV
APPEARANCE & ODOR: COLOR: BLUE..... STATE: LIQUID..... ODOR: AMMONIA.....

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

FLASH POINT: 51 C TCC IGN TEMP: N/AV LEL: N/AV UEL: N/AV
SPECIAL FIRE & EXPLOSION HAZARDS:
COMBUSTIBLE. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.
EXTINGUISHING MEDIA:
DRY CHEMICAL, CARBON DIOXIDE OR FOAM.
SPECIAL FIREFIGHTING PROCEDURES:
USE SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN
PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE. USE PROTECTIVE CLOTHING.
USE WATER TO COOL FIRE EXPOSED CONTAINERS. REMOVE CONTAINERS FROM FIRE AREA
IF POSSIBLE.
FLAMMABILITY CONDITIONS:
MATERIAL IS DIFFICULT TO IGNITE OR INCINERATE.
SENSITIVE TO MECHANICAL IMPACT?: NO SENSITIVE TO STATIC DISCHARGE?: YES
HAZARDOUS COMBUSTION PRODUCTS:
CARBON MONOXIDE AND CARBON DIOXIDE.
FLAME PROJECTION: N/AV FLAMMABILITY: YES

*** SECTION 05 - REACTIVITY DATA ***

STABILITY: STABLE
CONDITIONS TO AVOID:
HEAT, 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:
CARBON MONOXIDE AND CARBON DIOXIDE.

*** SECTION 06 - TOXICOLOGICAL PROPERTIES ***

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EFFECTS OF OVEREXPOSURE-ACUTE & CHRONIC:

<<---INHALATION--->> VAPOR-MAY PRODUCE THE FOLLOWING: IRRITATION OF UPPER RESPIRATORY TRACT, NONPRODUCTIVE COUGH, HEADACHE, DIZZINESS AND BREATHING DIFFICULTIES. HIGH CONCENTRATION MAY PRODUCE THE FOLLOWING: ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONSCIOUSNESS OR COMA. <<---SKIN CONTACT--->> CORROSIVE. SKIN CONTACT MAY PRODUCE DEFATTING AND DRYING OF SKIN. MAY PRODUCE THE FOLLOWING: PRIMARY IRRITATION AND/OR MILD ERYTHEMA (REDDENING OF THE SKIN). <<---EYE CONTACT--->> CORROSIVE. MAY PRODUCE THE FOLLOWING: SEVERE IRRITATION. <<---INGESTION--->> MAY BE HARMFUL IF SWALLOWED. MAY CAUSE UPSET STOMACH, NAUSEA, VOMITING AND DIARRHEA. <<---SPECIAL TOXICITY--->> MAY PRODUCE THE FOLLOWING: KIDNEY DAMAGE AND/OR LUNG DAMAGE. COMPONENTS HAVE BEEN SHOWN TO CAUSE CANCER IN ANIMALS. <<---MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY THIS PRODUCT--->> NONE KNOWN.

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. IF THE ALLOWABLE LIMIT OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, USE THE FOLLOWING: ORGANIC VAPOR RESPIRATOR. USE A MIST PREFILTER.

VENTILATION TYPE:

TO MAINTAIN THE TLV, THE FOLLOWING MAY BE NEEDED: GOOD GENERAL VENTILATION. LOCAL EXHAUST VENTILATION. THIS EQUIPMENT MAY BE NEEDED, DEPENDING ON THE PROCESS.

PROTECTIVE GLOVES:

RECOMMENDED. NEOPRENE-NATURAL RUBBER GLOVES.

EYE PROTECTION:

RECOMMENDED. SAFETY GLASSES.

OTHER PROTECTIVE EQUIP:

NO SPECIAL PROTECTION NEEDED UNDER NORMAL CONDITIONS. BOOTS (SAME MATERIAL AS GLOVES), CLOTHING (SAME MATERIAL AS GLOVES) OR APRON (SAME MATERIAL AS GLOVES). THIS EQUIPMENT MAY BE NEEDED TO AVOID PROLONGED SKIN CONTACT. PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE REUSE.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

AVOID BREATHING VAPORS. VENTILATE AREA. WEAR PROTECTIVE CLOTHING. WEAR RESPIRATORY PROTECTION. CONTAIN WITH EARTH OR SAND TO PREVENT ENTERING DRAINS. ABSORB ON A SUITABLE MEDIUM. SWEEP UP AND DISCARD IN A SUITABLE CONTAINER 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.

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PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

COMBUSTIBLE. BOND AND GROUND ALL CANS, DRUMS, MIXERS ETC. TO PREVENT STATIC SPARKS. REACTS WITH OXIDIZERS. STORE SEPARATE FROM INCOMPATIBLE MATERIALS. AVOID USING OR STORING AT HIGH TEMPERATURES. STORE AT TEMPERATURE BELOW 110 F (43 C).

OTHER PRECAUTIONARY MEASURES:

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

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

EMERGENCY FIRST AID PROCEDURES:

<----INHALATION----> REMOVE TO FRESH AIR AT ONCE. IF BREATHING IS DIFFICULT, GIVE OXYGEN. 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----> 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. CONTACT A PHYSICIAN. <----INGESTION----> DO NOT INDUCE VOMITING-CALL PHYSICIAN IMMEDIATELY. TO KEEP LIQUID FROM SEEPING INTO LUNGS, KEEP HEAD BELOW HIPS WHEN VOMITING. 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: JA DICERBO
REVIEWED BY: IA IBAN
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