

Global Parts Order Processing
Material Safety Data Sheet
KLINTBERG & WAY AB

C H R Y S L E R

HAZARD COMMUNICATION SHEET

316272 DRAFT PART/COMMTY CD: 68001758AB
PREPARATION DATE: 02-02-18 STNDRD: N/AV SUPPLIER: 37637 MFGR: 03500
OSHA HAZ: YES HAZWOPER HAZ: YES CONS PROD/HAZ SUB: YES

*** SECTION 01 - PRODUCT INFORMATION ***

MFG BY: PART SALES & SERVICE FCA US LLC
26311 LAWRENCE AVE CENTERLINE MI 48015
EMERGENCY PHONE: 248-512-8002 AFTER HOURS: 248-576-8888
DIST BY: PART SALES & SERVICE FCA US LLC
26311 LAWRENCE AVE CENTERLINE MI 48015
EMERGENCY PHONE: 248-512-8002 AFTER HOURS: 248-576-8888
FCA US LLC INDUSTRIAL HYGIENE: 248-512-8260 AFTER HOURS: 248-576-8888
BRAND NAME: BOT 89 M1 PLUS
MFG ID : 463329-DE01
DESCRIPTION: LUBRICANT-TRANSFER CASE

*** SECTION 02 - INGREDIENTS ***

HAZARDOUS INGREDIENTS: PERCENT
COMM NAME / CAS NO & CHEM NAME: BY WGT OSHA ACGIH CHRYS UNITS NOTATIONS
EXISTING INGREDIENTS
HYDROGENATED DECENE HOMOPOLYMER 30-60 W N/AV N/AV N/AV N/AV
068037-01-4 1-DECENE, HOMOPOLYME
NONANEDIOIC ACID, DIISODECYL ESTE 10-30 W N/AV N/AV N/AV N/AV
028472-97-1 NONANEDIOIC ACID, DI
ETHYLENE-PROPYLENE POLYMER 1-5 W N/AV N/AV N/AV N/AV
009010-79-1 1-PROPENE, POLYMER W
GENERIC DESC: N/AV

*** SECTION 03 - PHYSICAL DATA ***

BOILING POINT : N/AV F SOLUB IN WATER: NEGLIGIBLE (< 0.1%)
VAPOR PRESSURE: < 0 MM HG ATN/AP EVAP. RATE: N/AP REF: N/AV
VAPOR DENSITY : N/AP SPECIFIC GRAVITY: 0.840 AT 68 F
PH AT FULL STRENGTH: N/AP PH AT REC. DILUT: N/AP
%VOLATILE BY VOL : N/AP VOLATILE ORGANIC COMP: N/AP N/AP
ODOR THRESHOLD: N/AP PPM FOR % POPULATION
FREEZING POINT: N/AP COEFF. OF WATER/OIL DIST: N/AP
APPEARANCE & ODOR: COLOR: YELLOW..... STATE: LIQUID.....

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

FLASH POINT: 446 F COC IGN TEMP: N/AV LEL: 0.600% UEL: 6.000%
SPECIAL FIRE & EXPLOSION HAZARDS:

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VAPOR OR MIST ACCUMULATIONS MAY FLASH AND/OR EXPLODE IF IGNITED. VAPOR MAY FORM AN EXPLOSIVE MIXTURE WITH AIR.

EXTINGUISHING MEDIA:

DRY CHEMICAL OR FOAM. DO NOT USE WATER IN STRAIGHT STREAMS.

SPECIAL FIREFIGHTING PROCEDURES:

MATERIAL IS FLAMMABLE. DO NOT LET IT RUN-OFF TO WATERCOURSE. USE PROTECTIVE CLOTHING. USE SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

SENSITIVE TO MECHANICAL IMPACT?: N/AV SENSITIVE TO STATIC DISCHARGE?: YES

HAZARDOUS COMBUSTION PRODUCTS:

TOXIC FUMES OR VAPORS, CARBON MONOXIDE AND CARBON DIOXIDE.

FLAME PROJECTION: N/AV

*** SECTION 05 - HEALTH HAZARD DATA ***

EFFECTS OF OVEREXPOSURE - ACUTE & CHRONIC:

<<---INHALATION--->> VAPOR AND/OR MIST MAY PRODUCE THE FOLLOWING: IRRITATION OF UPPER RESPIRATORY TRACT AND MAY BE IRRITATING TO EYES, NOSE, AND THROAT. <<---SKIN CONTACT--->> PROLONGED SKIN EXPOSURE MAY RESULT IN THE FOLLOWING: IRRITATION. PROLONGED CONTACT MAY PRODUCE THE FOLLOWING: DERMATITIS. <<---EYE CONTACT--->> DIRECT CONTACT MAY PRODUCE THE FOLLOWING: REDNESS, IRRITATION AND TEARING. <<---INGESTION--->> MAY BE HARMFUL IF SWALLOWED. MAY CAUSE UPSET STOMACH, NAUSEA, VOMITING AND DIARRHEA.

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. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. <<---SKIN CONTACT--->> REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND 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. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. <<---INGESTION--->> DO NOT INDUCE VOMITING-CALL PHYSICIAN IMMEDIATELY.

*** SECTION 06 - 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: PHOSGENE, HYDROGEN CHLORIDE AND CHLORINE, CARBON MONOXIDE AND CARBON DIOXIDE.

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*** SECTION 07 - SPILL OR LEAK PROCEDURES ***

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

WEAR PROTECTIVE CLOTHING. PROVIDE ADEQUATE VENTILATION. ELIMINATE ALL IGNITION SOURCES (FLAMES, HOT SURFACES AND ELECTRICAL, STATIC OR FRICTIONAL SPARKS). SMALL SPILL-CONTAIN WITH EARTH OR SAND TO PREVENT ENTERING DRAINS. LARGE SPILL-CONTAIN WITH DIKE. 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 DISPOSAL REGULATIONS.

*** SECTION 08 - SPECIAL PROTECTION ***

RESPIRATORY PROTECTION:

NO SPECIAL PROTECTION NEEDED UNDER NORMAL CONDITIONS. THE FOLLOWING MAY BE NEEDED IF SIGNIFICANT VAPORS OR MIST ARE GENERATED: AND/OR IF THE ALLOWABLE LIMIT OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, USE THE FOLLOWING: ORGANIC VAPOR RESPIRATOR.

VENTILATION TYPE:

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

PROTECTIVE GLOVES:

RECOMMENDED. THE FOLLOWING IS REQUIRED: NEOPRENE GLOVES OR NITRILE RUBBER GLOVES.

EYE PROTECTION:

RECOMMENDED. THE FOLLOWING IS REQUIRED: SAFETY GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE EQUIPMENT:

WEAR LONG SLEEVES. AVOID PROLONGED SKIN CONTACT. AN EYE WASH MAY BE NEEDED FOR EMERGENCY SITUATIONS.

*** SECTION 09 - SPECIAL PRECAUTIONS ***

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

STORE IN A COOL, DRY PLACE. STORE IN A WELL VENTILATED AREA. STORE SEPARATE FROM INCOMPATIBLE MATERIALS. USE WITH ADEQUATE VENTILATION. KEEP FROM HEAT, SPARK OR OPEN FLAMES. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. REACTS WITH OXIDIZERS.

OTHER PRECAUTIONARY MEASURES:

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

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*** SECTION 10 - WASTE LABELING INFORMATION ***

DOT LABELING INFORMATION (49 CFR 100-199)

ID#: N/AP ERG#: HAZARD CLASS - PRMY: N/AP PACKING GROUP: N/AP
NOT HAZARDOUS PER DOT REGULATIONS

RCRA INFORMATION (40 CFR 122-124, 260-265)

INFORMATION UNAVAILABLE AT THIS TIME