

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

C H R Y S L E R

HAZARD COMMUNICATION SHEET

315759 DRAFT PART/COMMTY CD: 68163848GB  
PREPARATION DATE: 06-28-16 STNDRD: N/AV SUPPLIER: 35764 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: MOPAR CONCENTRATE 10 YEAR ENGINE COOLANT  
MFG ID : N/AV  
DESCRIPTION: ANTIFREEZCOOLANT

\*\*\* SECTION 02 - INGREDIENTS \*\*\*

HAZARDOUS INGREDIENTS: PERCENT  
COMM NAME / CAS NO & CHEM NAME: BY WGT OSHA ACGIH CHRYS UNITS NOTATIONS  
\*\*\*EXISTING INGREDIENTS\*\*\*  
ETHYLENE GLYCOL 60-100 W N/AP N/AP N/AP N/AP  
000107-21-1 1,2-ETHANEDIOL (9CI) T  
DIETHYLENE GLYCOL 1-5 W N/AP N/AP N/AP N/AP  
000111-46-6 ETHANOL, 2,2'-OXYBIS  
WATER 1-5 W N/AP N/AP N/AP N/AP  
007732-18-5 WATER (8CI9CI)  
POTASSIUM HYDROXIDE 1-5 W N/AP N/AP N/AP N/AP  
001310-58-3 POTASSIUM HYDROXIDE C 2 2 2  
DECANEDICARBOXYLIC ACID 1-5 W N/AV N/AV N/AV N/AV  
000111-20-6 DECANEDIOIC ACID (9C  
GENERIC DESC: ALCOHOL(S), GLYCOL(S), SOLVENT(S), WATER, METAL SALT(S), ALKALI,  
POLYMER(S) AND SURFACTANT(S).

\*\*\* SECTION 03 - PHYSICAL DATA \*\*\*

BOILING POINT : > 300 F SOLUB IN WATER: MODERATE ( 1 - 10% )  
VAPOR PRESSURE: N/AV EVAP. RATE: N/AV REF: N/AV  
VAPOR DENSITY : N/AV SPECIFIC GRAVITY: 1.120 AT 68 F  
PH AT FULL STRENGTH: 7.9 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: < 5.0 F COEFF. OF WATER/OIL DIST: N/AV

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APPEARANCE & ODOR: APPEARANCE: CLEAR....., APPEARANCE: LOW VISCOSITY  
(THIN)....., APPEARANCE: LIGHT....., COLOR: PURPLE..... AND  
STATE: LIQUID.....

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\*\*\* SECTION 04 - FIRE AND EXPLOSION DATA \*\*\*  
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FLASH POINT: 255 F N/AV IGN TEMP: 752 F LEL: 3.200% UEL: 15.300%

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.

EXTINGUISHING MEDIA:

WATER FOG, DRY CHEMICAL, FOAM AND CARBON DIOXIDE.

SPECIAL FIREFIGHTING PROCEDURES:

USE WATER TO COOL FIRE EXPOSED CONTAINERS. USE WATER TO FLUSH SPILL AWAY  
FROM FIRE. USE SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE  
OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE. USE PROTECTIVE  
CLOTHING. USE SELF-CONTAINED BREATHING APPARATUS. WATER OR FOAM MAY CAUSE  
FROTHING. DO NOT USE WATER IN STRAIGHT STREAMS.

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

HAZARDOUS COMBUSTION PRODUCTS:

CARBON MONOXIDE AND CARBON DIOXIDE, CARBON DIOXIDE AND AMMONIA COMPOUNDS,  
ORGANIC VAPORS AND NITROGEN.

FLAME PROJECTION: N/AV

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\*\*\* SECTION 05 - HEALTH HAZARD DATA \*\*\*  
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EFFECTS OF OVEREXPOSURE - ACUTE & CHRONIC:

<<---INGESTION--->> MAY BE HARMFUL IF SWALLOWED. MAY CAUSE UPSET STOMACH,  
NAUSEA, VOMITING AND DIARRHEA. <<---EYE CONTACT--->> MIST-LIQUID MAY PRODUCE  
THE FOLLOWING: MINOR IRRITATION. OR IRRITATION OR CONJUNCTIVITIS (AN  
INFLAMED EYE). <<---SKIN CONTACT--->> MIST-LIQUID MAY PRODUCE THE FOLLOWING:  
MINOR IRRITATION. <<---INHALATION--->> LARGE QUANTITIES-VAPOR-MIST WILL  
PRODUCE THE FOLLOWING: IRRITATION OF UPPER RESPIRATORY TRACT OR HIGH  
CONCENTRATIONS OF VAPOR AND/OR MIST MAY PRODUCE THE FOLLOWING: DAMAGE TO THE  
CENTRAL NERVOUS SYSTEM OR MAY DAMAGE BLOOD FORMING ORGANS.

EMERGENCY FIRST AID PROCEDURES:

<<---INGESTION--->> DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE  
QUANTITIES OF WATER OR MILK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS  
PERSON. 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. DO NOT RUB EYES. PRODUCT  
CONTAINS AN ABRASIVE MATERIAL WHICH MAY DAMAGE EYE TISSUE IF RUBBED INTO  
EYES. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. <<---SKIN CONTACT--->>  
IMMEDIATELY FLUSH CONTAMINATED AREA WITH LARGE AMOUNTS OF WATER. REMOVE  
CONTAMINATED CLOTHING. IF CONDITION PERSISTS, CONSULT A PHYSICIAN.  
<<---INHALATION--->> REMOVE TO FRESH AIR AT ONCE. ARTIFICIAL RESPIRATION IF  
BREATHING HAS STOPPED. CARDIAC RESUSCITATION IF INDICATED. IF CONDITION

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PERSISTS, CONSULT A PHYSICIAN.

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\*\*\* SECTION 06 - REACTIVITY DATA \*\*\*  
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STABILITY: STABLE

CONDITIONS TO AVOID:

SPARKS OR OPEN FLAME.

MATERIALS TO AVOID:

STRONG ACID, STRONG OXIDIZING AGENTS AND STRONG ALKALI.

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, AMMONIA COMPOUNDS AND ORGANIC COMPOUNDS.

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\*\*\* SECTION 07 - SPILL OR LEAK PROCEDURES \*\*\*  
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STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

WEAR PROTECTIVE CLOTHING. PROVIDE ADEQUATE VENTILATION. WEAR RESPIRATORY PROTECTION. CONTAIN WITH EARTH OR SAND TO PREVENT ENTERING DRAINS. ABSORB ON AN INERT MATERIAL. ABSORB ON SAND OR VERMICULITE SWEEP UP AND DISCARD IN A SUITABLE CONTAINER FOR DISPOSAL. RECLAIM AND DISPOSAL IN A LANDFILL IS NOT RECOMMENDED.

WASTE DISPOSAL METHODS:

DISPOSE OF IN A MANNER CONSISTENT WITH STATE, PROVINCIAL, LOCAL, AND FEDERAL DISPOSAL REGULATIONS. DISPOSAL IN A LANDFILL IS NOT RECOMMENDED.

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\*\*\* SECTION 08 - SPECIAL PROTECTION \*\*\*  
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RESPIRATORY PROTECTION:

THE FOLLOWING MAY BE NEEDED IF SIGNIFICANT VAPORS OR MIST ARE GENERATED: ORGANIC VAPOR RESPIRATOR AND AIR-SUPPLIED RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.

VENTILATION TYPE:

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

PROTECTIVE GLOVES:

RECOMMENDED. NEOPRENE-NYLON GLOVES, NITRILE RUBBER GLOVES OR VITON GLOVES.

EYE PROTECTION:

RECOMMENDED. CHEMICAL GOGGLES OR USE CHEMICAL GOGGLES OR FACESHIELD UNDER NORMAL CONDITIONS. USE BOTH CHEMICAL GOGGLES AND FACESHIELD IF LIKELY TO BE SPLASHED.

OTHER PROTECTIVE EQUIPMENT:

THE FOLLOWING IS REQUIRED: BOOTS (SAME MATERIAL AS GLOVES), CLOTHING (SAME MATERIAL AS GLOVES) OR APRON (SAME MATERIAL AS GLOVES) AND AVOID PROLONGED

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SKIN CONTACT. WASH CONTAMINATED CLOTHING BEFORE REUSE.

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\*\*\* SECTION 09 - SPECIAL PRECAUTIONS \*\*\*  
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PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

DO NOT FREEZE. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. DO NOT STORE IN OPEN OR UNLABELED CONTAINERS. KEEP FROM HEAT, SPARK OR OPEN FLAMES. KEEP AWAY FROM OPEN FLAME. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING. DO NOT SMOKE OR EAT WHEN HANDLING THIS SUBSTANCE; WASH THOROUGHLY AFTER USING. DO NOT REUSE CONTAINER FOR ANY PURPOSE UNTIL IT HAS BEEN COMMERCIALY CLEANED. REACTS WITH ALKALIS. REACTS WITH ACIDS. REACTS WITH OXIDIZERS. AVOID BREATHING MIST. AVOID BREATHING VAPOR.

OTHER PRECAUTIONARY MEASURES:

MAINTAIN GOOD HOUSEKEEPING AND HYGIENIC PRACTICES.

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