

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

C H R Y S L E R

HAZARD COMMUNICATION SHEET

304417 DRAFT PART/COMMTY CD: 68048953GB
PREPARATION DATE: 02-12-14 STNDRD: N/AV SUPPLIER: 68612 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 5 YEAR EMBITTERED ANTIFREEZE/COOLA
MFG ID : N/AV
DESCRIPTION: ANTIFREEZE-COOLANT

*** 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
C 50 39 50
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)
BENZENEMETHANAMINIUM, N-Ý2-Ý(2,6- < 0.1 W N/AV N/AV N/AV N/AV
003734-33-6 BENZENEMETHANAMINIUM
GENERIC DESC: ALCOHOL(S), GLYCOL(S), SOLVENT(S) AND CARBON.

*** SECTION 03 - PHYSICAL DATA ***

BOILING POINT : 300 F SOLUB IN WATER: COMPLETE (IN ALL PROPOR
VAPOR PRESSURE: < 0 MM HG AT 68 F EVAP. RATE: N/AV REF: N/AV
VAPOR DENSITY : N/AV SPECIFIC GRAVITY: 1.130 AT N/AV
PH AT FULL STRENGTH: 8.4 PH AT REC. DILUT: N/AV
%VOLATILE BY VOL : 97.0 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
APPEARANCE & ODOR: COLOR: YELLOW..... STATE: LIQUID..... AND ODOR: MILD.....

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

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FLASH POINT: 259 F SETA IGN TEMP: 748 F LEL: 3.200% UEL: 15.300%

SPECIAL FIRE & EXPLOSION HAZARDS:

RELEASES TOXIC FUMES OR GASES MAY PRODUCE TOXIC THERMAL DECOMPOSITION PRODUCTS.

EXTINGUISHING MEDIA:

WATER FOG, ALCOHOL FOAM, FOAM, CARBON DIOXIDE OR DRY CHEMICAL AND DO NOT USE WATER IN STRAIGHT STREAMS.

SPECIAL FIREFIGHTING PROCEDURES:

DO NOT USE WATER IN STRAIGHT STREAMS. 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.

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

HAZARDOUS COMBUSTION PRODUCTS:

CARBON MONOXIDE AND CARBON DIOXIDE, ALDEHYDES AND ORGANIC COMPOUNDS.

FLAME PROJECTION: N/AV

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

EFFECTS OF OVEREXPOSURE - ACUTE & CHRONIC:

<<---INGESTION--->> LARGE QUANTITIES-DAMAGE TO THE CENTRAL NERVOUS SYSTEM, KIDNEY DAMAGE OR GASTROINTESTINAL PAIN. OR MAY CAUSE UPSET STOMACH, NAUSEA, VOMITING AND DIARRHEA. <<---EYE CONTACT--->> MAY PRODUCE THE FOLLOWING: IRRITATION OR VAPOR-MIST WILL PRODUCE THE FOLLOWING: IRRITATION. <<---SKIN CONTACT--->> REPEATED CONTACT-PROLONGED CONTACT MAY PRODUCE THE FOLLOWING: IRRITATION OR BURN. <<---INHALATION--->> VAPOR-IRRITATION OF UPPER RESPIRATORY TRACT OR NERVOUS SYSTEM STIMULATION, KIDNEY DAMAGE.

EMERGENCY FIRST AID PROCEDURES:

<<---INGESTION--->> DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER OR MILK. 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. REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. <<---INHALATION--->> REMOVE TO FRESH AIR AT ONCE. ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. CARDIAC RESUSCITATION IF INDICATED. GIVE OXYGEN. DO NOT GIVE OXYGEN-CARBON DIOXIDE MIXTURE. IF CONDITION PERSISTS, CONSULT A PHYSICIAN.

*** SECTION 06 - REACTIVITY DATA ***

STABILITY: STABLE

CONDITIONS TO AVOID:

SPARKS OR OPEN FLAME, HIGH TEMPERATURE.

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MATERIALS TO AVOID:

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 DIOXIDE.

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

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

EVACUATE PERSONNEL NOT EQUIPPED WITH PROTECTIVE CLOTHING AND EQUIPMENT. WEAR RESPIRATORY PROTECTION. WEAR PROTECTIVE CLOTHING. SPILLS ARE VERY SLIPPERY. SWEEP UP AND DISCARD IN A SUITABLE CONTAINER FOR DISPOSAL. AVOID BREATHING VAPORS. WASH THOROUGHLY WITH SOAP AND WATER. STOP SPILL AT SOURCE. DO NOT FLUSH INTO SEWER SYSTEM.

WASTE DISPOSAL METHODS:

DISPOSE OF IN A MANNER CONSISTENT WITH STATE, PROVINCIAL, LOCAL, AND FEDERAL DISPOSAL REGULATIONS.

*** SECTION 08 - SPECIAL PROTECTION ***

RESPIRATORY PROTECTION:

SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE OR AIR-SUPPLIED RESPIRATOR. THIS EQUIPMENT MAY BE NEEDED IF SIGNIFICANT VAPORS OR MIST ARE GENERATED.

VENTILATION TYPE:

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

PROTECTIVE GLOVES:

RECOMMENDED. POLYETHYLENE GLOVES, NEOPRENE-NATURAL RUBBER GLOVES, NITRILE RUBBER GLOVES, POLYVINYL ALCOHOL (PVA) GLOVES, RUBBER GLOVES OR BUTYL RUBBER GLOVES.

EYE PROTECTION:

RECOMMENDED. CHEMICAL GOGGLES AND FULL FACE SHIELD DO NOT WEAR CONTACT LENSES.

OTHER PROTECTIVE EQUIPMENT:

AN EYE WASH MAY BE NEEDED FOR EMERGENCY SITUATIONS. BOOTS (SAME MATERIAL AS GLOVES), CLOTHING (SAME MATERIAL AS GLOVES) OR APRON (SAME MATERIAL AS GLOVES) AND AVOID PROLONGED SKIN CONTACT. WASH CONTAMINATED CLOTHING BEFORE REUSE.

*** SECTION 09 - SPECIAL PRECAUTIONS ***

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

KEEP FROM HEAT, SPARK OR OPEN FLAMES. KEEP AWAY FROM OPEN FLAME. KEEP

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CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. DO NOT STORE IN OPEN OR UNLABELED CONTAINERS. AVOID BREATHING MIST. KEEP OUT OF REACH OF CHILDREN. DO NOT SMOKE OR EAT WHEN HANDLING THIS SUBSTANCE; WASH THOROUGHLY AFTER USING. WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. REACTS WITH ACIDS. REACTS WITH OXIDIZERS. DO NOT WEAR CONTACT LENSES WHEN USING THIS MATERIAL.

OTHER PRECAUTIONARY MEASURES:

MAINTAIN GOOD HOUSEKEEPING AND HYGIENIC PRACTICES.

*** 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