

**Global Parts Order Processing
Material Safety Data Sheet
NORTHAMPTON COMM. COLLEGE**

November 7, 2017
08:39

C H R Y S L E R
HAZARD COMMUNICATION SHEET

280787 DRAFT PART/COMMTY CD: 05066386AA *P/N*
PREPARATION DATE: 03-25-09 STNDRD: N/AV SUPPLIER: 68612 MFGR: 03500
OSHA HAZ: ? HAZWOPER HAZ: ? 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 YR. EMBITTERED
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
N/AP W N/AP N/AP N/AP N/AP N/AP
N/AP
GENERIC DESC: MIXTURE(S) OF THE FOLLOWING: ALCOHOL(S), GLYCOL(S), SOLVENT(S).

*** 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: 0.000 REF: BUTYLACETATE
VAPOR DENSITY : N/AP SPECIFIC GRAVITY: 1.130 AT N/AV
PH AT FULL STRENGTH: 8.4 PH AT REC. DILUT: N/AP
%VOLATILE BY VOL : > 88.0 VOLATILE ORGANIC COMP: N/AP N/AP
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..... ODOR: MILD.....

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

FLASH POINT: 259 F N/AV IGN TEMP: 748 F LEL: 3.200% UEL: 15.300%
SPECIAL FIRE & EXPLOSION HAZARDS:

FLAMMABLE GAS IS RELEASED UPON HEATING TO HIGH TEMPERATURES.

EXTINGUISHING MEDIA:

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

SPECIAL FIREFIGHTING PROCEDURES:

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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?: NO SENSITIVE TO STATIC DISCHARGE?: NO
HAZARDOUS COMBUSTION PRODUCTS:
TOXIC FUMES OR VAPORS, ALDEHYDES, ACID(S), ORGANIC COMPOUNDS, CARBON
MONOXIDE AND CARBON DIOXIDE.
FLAME PROJECTION: N/AP

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

EFFECTS OF OVEREXPOSURE - ACUTE & CHRONIC:

<<---INHALATION--->> ACUTE EXPOSURE-VAPOR AND/OR MIST MAY PRODUCE THE
FOLLOWING: NAUSEA, VOMITING, ANESTHETIC EFFECTS AND DIZZINESS. <<---SKIN
CONTACT--->> CHRONIC EXPOSURE MAY PRODUCE THE FOLLOWING: SENSITIZATION.
DERMATITIS. CONTACT WITH OPEN WOUNDS MAY CAUSE THE FOLLOWING: MAY BE
ABSORBED THROUGH SKIN IN LETHAL AMOUNTS. <<---EYE CONTACT--->> MAY PRODUCE
THE FOLLOWING: IRRITATION AND TEARING. <<---INGESTION--->> MAY BE HARMFUL OR
FATAL IF SWALLOWED. HIGH CONCENTRATION MAY PRODUCE THE FOLLOWING: ACIDOSIS,
RESULTING IN SEVERE STOMACH PAIN, NAUSEA, COMA OR DEATH. PULMONARY CHANGES
AND MAY CAUSE SYSTEMIC TOXICITY (I.E. MAY CAUSE EFFECTS THROUGH THE WHOLE
BODY). <<---SPECIAL TOXICITY--->> DAMAGE TO THE NERVOUS SYSTEM AND/OR BRAIN
DAMAGE, KIDNEY DAMAGE AND LIVER DAMAGE.

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. IMMEDIATELY FLUSH CONTAMINATED
AREA WITH LARGE AMOUNTS 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. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. <<---INGESTION--->> DO
NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER OR MILK.
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONTACT A PHYSICIAN.
NOTE TO PHYSICIAN: CONTAINS ETHYLENE GLYCOL. ADULT HUMAN ORAL LETHAL DOSE
IS APPROXIMATELY 100ML (3 OZ.). THE PRINCIPAL TOXIC EFFECT OF ETHYLENE
GLYCOL IS KIDNEY DAMAGE. EARLY ADMINISTRATION OF I.V. ETHANOL AS A 5%
SOLUTION IN SODIUM BICARBONATE AT ABOUT 10 ML PER HOUR MAY BLOCK THE
FORMATION OF NEPHROTOXIC METABOLITES. HEMODIALYSIS MAY BE NEEDED.

*** SECTION 06 - REACTIVITY DATA ***

STABILITY: STABLE

CONDITIONS TO AVOID:

HIGH TEMPERATURE, SPARKS OR OPEN FLAME.

MATERIALS TO AVOID:

STRONG ACID AND STRONG OXIDIZING AGENTS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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POLYMERIZATION CONDITIONS TO AVOID:

POLYMERIZATION WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS:

THERMAL DECOMPOSITION MAY PRODUCE THE FOLLOWING: TOXIC FUMES OR VAPORS,
ORGANIC COMPOUNDS, ACID(S), CARBON MONOXIDE AND CARBON DIOXIDE.

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

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

PROVIDE ADEQUATE VENTILATION. WEAR PROTECTIVE CLOTHING. ELIMINATE ALL
IGNITION SOURCES (FLAMES, HOT SURFACES AND ELECTRICAL, STATIC OR FRICTIONAL
SPARKS). EVACUATE PERSONNEL NOT EQUIPPED WITH PROTECTIVE CLOTHING AND
EQUIPMENT. SMALL SPILL-ABSORB ON AN INERT MATERIAL. LARGE SPILL-CONTAIN WITH
DIKE. PUMP INTO STORAGE CONTAINER. 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:

IF THE ALLOWABLE LIMIT OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, USE THE
FOLLOWING: AIRLINE RESPIRATOR, CONSTANT FLOW, SELF-CONTAINED BREATHING
APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER
POSITIVE PRESSURE MODE OR 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. WHEN HANDLING THE LIQUID, USE THE FOLLOWING: NATURAL RUBBER
GLOVES, NEOPRENE GLOVES, NITRILE RUBBER GLOVES OR POLYVINYL ALCOHOL (PVA)
GLOVES.

EYE PROTECTION:

RECOMMENDED. THE FOLLOWING IS REQUIRED: DO NOT WEAR CONTACT LENSES.
CHEMICAL GOGGLES AND FULL FACE SHIELD.

OTHER PROTECTIVE EQUIPMENT:

PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING. WASH
CONTAMINATED CLOTHING BEFORE REUSE. WEAR LONG SLEEVES. A SAFETY SHOWER MAY
BE NEEDED FOR EMERGENCY SITUATIONS. 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,

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SPARK OR OPEN FLAMES. REACTS WITH ACIDS. REACTS WITH OXIDIZERS.

OTHER PRECAUTIONARY MEASURES:

AVOID BREATHING VAPOR. AVOID SKIN CONTACT. AVOID EYE CONTACT. AVOID
INGESTION. DO NOT SMOKE OR EAT WHEN HANDLING THIS SUBSTANCE; WASH THOROUGHLY
AFTER USING. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. KEEP
CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

*** 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

