

Global Parts Order Processing
Material Safety Data Sheet
MICHAEL STEAD'S WALNUT CREEK CHRY

C H R Y S L E R
HAZARD COMMUNICATION SHEET

277739 DRAFT PART/COMMTY CD: 0VU01524AB
PREPARATION DATE: 01-10-11 STNDRD: N/AV SUPPLIER: 46260 MFGR: 03500
OSHA HAZ: YES HAZWOPER HAZ: YES CONS PROD/HAZ SUB: YES

*** 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: ANTI-FREEZE
MFG ID : N/AV
DESCRIPTION: COOLANT-ANTIFREEZE

*** 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
SODIUM BENZOATE 1-5 W N/AV N/AV N/AV N/AV
000532-32-1 BENZOIC ACID, SODIUM
GENERIC DESC: ALCOHOL(S), GLYCOL(S) AND SOLVENT(S).

*** SECTION 03 - PHYSICAL DATA ***

BOILING POINT : N/AV F SOLUB IN WATER: COMPLETE (IN ALL PROPOR
VAPOR PRESSURE: 0 MM HG ATN/AV EVAP. RATE: N/AV REF: N/AV
VAPOR DENSITY : 2.100 AT N/AV SPECIFIC GRAVITY: 1.115 AT N/AV
PH AT FULL STRENGTH: 9.0 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: N/AV COEFF. OF WATER/OIL DIST: N/AV
APPEARANCE & ODOR: COLOR: ORANGE..... STATE: LIQUID..... AND ODOR: MILD.....

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

FLASH POINT: 241 F TCC IGN TEMP: N/AV LEL: 3.200% UEL: 15.300%
SPECIAL FIRE & EXPLOSION HAZARDS:
NONE KNOWN.

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EXTINGUISHING MEDIA:

DRY CHEMICAL OR CARBON DIOXIDE OR FOAM OR WATER FOG.

SPECIAL FIREFIGHTING PROCEDURES:

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, KETONES AND ACID(S).

FLAME PROJECTION: N/AV

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

EFFECTS OF OVEREXPOSURE - ACUTE & CHRONIC:

<<---INGESTION--->> MAY BE HARMFUL OR FATAL IF SWALLOWED. MAY PRODUCE THE FOLLOWING: VOMITING AND FLUID IN THE LUNGS. <<---SPECIAL TOXICITY--->> MAY PRODUCE THE FOLLOWING: KIDNEY DAMAGE AND MAY AFFECT UNBORN CHILD.. <<---EYE CONTACT--->> MAY PRODUCE THE FOLLOWING: IRRITATION. <<---SKIN CONTACT--->> MAY PRODUCE THE FOLLOWING: IRRITATION. <<---INHALATION--->> MAY PRODUCE THE FOLLOWING: IRRITATION OF UPPER RESPIRATORY TRACT.

EMERGENCY FIRST AID PROCEDURES:

<<---INGESTION--->> DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. <<---EYE CONTACT--->> RINSE EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER, OCCASIONALLY LIFTING BOTH UPPER AND LOWER LIDS. CONTINUE FOR 15 MINUTES. CONTACT A PHYSICIAN. <<---SKIN CONTACT--->> WASH WITH SOAP AND WATER. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. <<---INHALATION--->> REMOVE TO FRESH AIR AT ONCE. IF CONDITION PERSISTS, CONSULT A PHYSICIAN.

*** SECTION 06 - REACTIVITY DATA ***

STABILITY: STABLE

CONDITIONS TO AVOID:

NONE KNOWN.

MATERIALS TO AVOID:

STRONG ALKALI, STRONG OXIDIZING AGENTS AND STRONG ACID.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

POLYMERIZATION CONDITIONS TO AVOID:

NONE UNSTABLE WHEN PUT INTO SOLUTION AND EXPOSED TO STRONG SUNLIGHT.

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE AND CARBON DIOXIDE, KETONES AND STRONG ACID.

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

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

WEAR PROTECTIVE CLOTHING. ABSORB ON AN INERT MATERIAL. DISCARD INTO SEALED CONTAINERS FOR DISPOSAL.

WASTE DISPOSAL METHODS:

DISPOSE OF IN A MANNER CONSISTENT WITH STATE, PROVINCIAL, LOCAL, AND

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FEDERAL DISPOSAL REGULATIONS.

*** SECTION 08 - SPECIAL PROTECTION ***

RESPIRATORY PROTECTION:

ORGANIC VAPOR RESPIRATOR. THIS EQUIPMENT MAY BE NEEDED TO MAINTAIN THE TLV.
VENTILATION TYPE:

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

PROTECTIVE GLOVES:

RECOMMENDED. IMPERMEABLE GLOVES.

EYE PROTECTION:

RECOMMENDED. CHEMICAL GOGGLES OR FULL FACE SHIELD.

OTHER PROTECTIVE EQUIPMENT:

. THIS EQUIPMENT MAY BE ADEQUATE.

*** SECTION 09 - SPECIAL PRECAUTIONS ***

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

AVOID EYE CONTACT. AVOID SKIN CONTACT. AVOID BREATHING MIST. AVOID
BREATHING VAPOR. WASH THOROUGHLY AFTER HANDLING. DO NOT SMOKE OR EAT WHEN
HANDLING THIS SUBSTANCE; WASH THOROUGHLY AFTER USING. REMOVE CONTAMINATED
CLOTHING AND LAUNDER BEFORE REUSE.

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