

Heetrik DCAR 840L

Coolant INHIBITOR

Page 1

INTERNATIONAL MATERIAL SAFETY DATA SHEET

Formulated by NAVISLAR,
Westbrook Corporate Center
Watchtower, IL 80154

PART NO. DCAR 830L

ADDITIONAL PART NOS.
DCAR 835L DCAR 845L
DCAR 855L

DCAL LIQUID

SECTION I - PRODUCT IDENTIFICATION

MFGR'D FOR AND DIST. BY: FLEETGUARD, INC. SEE INTERNATIONAL PART NUMBER
 ADDRESS : P.O. BOX 60017 COOKEVILLE, TN 38502
 REG. PHONE : 615-528-9551
 EMERG. PHONE : DYNEX 1-800-800-2385
 TRADE NAME : FLEETGUARD DCA II LIQUID COOLING CONDITIONER
 PROD. SYN./PROD. TYPE : ENGINE COOLANT TREATMENT
 FLEETGUARD P/N : DCA-30L (PINT), DCA-35L (1/2 GAL.), DCA-40L (1 GAL.), DCA-45L (5 GAL.), DCA-50L (55 GAL.)

SECTION II - PRODUCT INGREDIENTS

MATERIAL OR AGENT	WGT %
WATER CAS 7732-18-5	75-85
SODIUM BORATE CAS 1303-96-4	5-12
SODIUM NITRATE CAS 7631-99-4	2-5
SODIUM NITRITE CAS 7632-00-0	2-5
SODIUM SILICATE CAS 6834-92-0	2-5
ERCAPTOBENZOTHIAZOLE CAS 149-30-4	0.5-3
DYES DEFOAMERS AND SCALE INHIBITORS	0.3-1.0

SECTION III - PHYSICAL DATA

BOILING POINT @ 760 MM HG : N/A
 SPECIFIC GRAVITY (H2O=1) : 1.16-1.19
 VAPOR PRESSURE (MM HG) : N/A
 VAPOR DENSITY (AIR=1) : N/A
 SOLUBILITY IN WATER (% WGT.) : COMPLETE
 PERCENT VOLATILES BY VOLUME : N/A
 EVAPORATION RATE : N/A
 APPEARANCE AND ODOR : BLUE
 PHYSICAL STATE : LIQUID
 PH FACTOR : 11.6

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD) : NONE
 FLAMMABLE LIMITS IN AIR, % BY VOL. : N/A
 LOWER EXPLOSIVE LIMIT : N/A
 UPPER EXPLOSIVE LIMIT : N/A

CCCCC
 CCCCCC
 CCC
 CCC
 CCCCCC
 CCCCC

CUMMINS ENGINE COMPANY, INC.
 MATERIAL SAFETY DATA SHEET

DCAII LIQUID

EXTINGUISHING MEDIA : N/A
 SPECIAL FIRE FIGHTING PROCEDURES : N/A
 UNUSUAL FIRE AND EXPLOSION HAZARDS : N/A

SECTION V - HEALTH HAZARD INFORMATION

EFFECTS OF EXPOSURE:
 SKIN CONTACT : MAY BE IRRITATING.
 EYE CONTACT : MAY CAUSE IRRITATION.
 INGESTION : ALKALINE SALTS. DO NOT TAKE INTERNALLY.
 EXPOSURE COMMENTS : TLV NOT ESTABLISHED.
 ACUTE OVEREXPOSURE : AS ABOVE.
 CHRONIC OVEREXPOSURE :

EMERGENCY - FIRST AID PROCEDURES:

INHALATION :
 SKIN : WASH OFF WITH WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE.
 EYES : FLOOD WITH WATER FOR 15 MINUTES. CONTACT PHYSICIAN IF IRRITATION OCCURS.
 INGESTION : DRINK LARGE AMOUNTS OF CITRUS JUICE OR WATER TO DILUTE. CONTACT A PHYSICIAN.

NOTES TO PHYSICIAN

SECTION VI - REACTIVITY DATA

STABILITY : STABLE.
 INCOMPATIBILITIES : N/A
 HAZARDOUS DECOMPOSITION PRODUCTS : N/A
 HAZARDOUS POLYMERIZATION : WILL NOT OCCUR.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN : USE INDUSTRIAL ABSORBENT, BURY OR BURN. IF LARGE AMOUNT IS SPILLED, COLLECT FOR CHEMICAL SCAVENGER SERVICE. FLUSH AREA WITH WATER.
 WASTE DISPOSAL METHODS : USE AUTHORIZED CHEMICAL SCAVENGER SERVICE. TENDER METAL CONTAINERS TO DRUM RECONDITIONER. REMOVE LABELS.

SECTION VIII - SPECIAL PROTECTIVE INFORMATION

VENTILATION REQUIREMENTS:
 SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:
 RESPIRATORY : N/A
 EYE : GOGGLES OR FACE SHIELD.
 GLOVES : PLASTIC OR RUBBER.
 OTHER PROT, EQUIP. : N/A

SECTION IX - SPECIAL PRECAUTIONS

HANDLING AND STORAGE: FREEZE POINT 2 F. DEGREES.
 OTHER PRECAUTIONS : FOR INDUSTRIAL USE ONLY.

FLEETGUARD DCA II LIQUID COOLING CONDITIONER

Page 3

CCCCC
CCCCC
CCC
CCC
CCCCC
CCCCC

CUMMINS ENGINE COMPANY, INC.
MATERIAL SAFETY DATA SHEET

DCAII LIQUID

PREPARED BY : FLEETGUARD INC.
ADDRESS : P.O. BOX 6001, COOKEVILLE, TN 38502
DATE PREPARED: 01-AUG-1992