

Tox: 036497 Product: ANTI-FREEZE COOLANT
FNHI : EHPN-19549-A

000200

APPROVED to ACTIVE NAAO prod. spec ESE-M97B18-C.

----- Chemical and Physical Properties -----

This material is a LIQUID under normal conditions.
The Specific Gravity is 1.128 .
The Boiling Point is +166 C.
The Flash Point is +121 C (Cleveland Open Cup).
The pH is 9.0 -11.0 .
The Vapor Pressure is <18 MMHG 20 C.

***** Toxicology Review *****

Tox: 036497 Tox Status: C2 (COMPLETE TOX REVIEW) Last Revised: 05/19/87

----- Hazardous Ingredients (HAZCOM) -----

-- TLV --	CAS number	Chemical name
50ppm CEILING	107-21-1 *	ETHYLENE GLYCOL

* See chemical fact sheets (CFS) for additional details on these ingredients.

----- Signal Word -----

WARNING

----- Hazards -----

HARMFUL IF SWALLOWED
IRRITATING TO EYES
MAY BE HARMFUL BY INHALATION
EXCESSIVE INHALATION CAUSES HEADACHE, DIZZINESS, NAUSEA AND INCOORDINATION
PROLONGED OR REPEATED CONTACT MAY DRY AND/OR DEFAT THE SKIN
MAY CAUSE IRRITATION TO SKIN
INGESTION MAY CAUSE NAUSEA, VOMITING AND DIARRHEA

----- Safe Handling and Storage -----

KEEP CONTAINER TIGHTLY CLOSED
DO NOT BREATHE GAS/FUMES/VAPOR/SPRAY
AVOID CONTACT WITH SKIN AND EYES
USE WITH ADEQUATE VENTILATION
KEEP FROM HEAT, SPARKS, OR OPEN FLAME

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- - - - - Protective Measures and Treatments - - - - -

IMPERVIOUS GLOVES
CHEMICAL GOGGLES
VENTILATION (CONTACT INDUSTRIAL HYGIENE FOR SPECIFIC DETAILS)
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK
MEDICAL ADVICE
REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE
IF SWALLOWED, GET IMMEDIATE MEDICAL ATTENTION OR ADVICE, INDUCE VOMITING AT
ONCE
WASH THOROUGHLY AFTER HANDLING
IF INHALATION OF MATERIAL IS EXCESSIVE (AIR CONCENTRATION IS GREATER THAN THE
TLV OR HEALTH EFFECTS ARE NOTICED), REMOVE IMMEDIATELY TO FRESH AIR.

- - - - - Special Remarks - - - - -

SWALLOWING OF APPROXIMATELY ONE OUNCE OR GREATER CAN CAUSE SEVERE ABDOMINAL
PAIN, CENTRAL NERVOUS SYSTEM DEPRESSION, AND POSSIBLE RESPIRATORY AND/OR RENAL
(KIDNEY) FAILURE.

WHEN GIVEN ORALLY, REPRODUCTIVE ABNORMALTIES (TERATOGENIC EFFECTS) HAVE BEEN
OBSERVED IN LABORATORY ANIMALS.

The chemical identification and properties for this material were provided by
the manufacturer. Health and safety information has been evaluated by:

Environmental & Occupational Toxicology, Occupational Health & Safety,
Ford Motor Company
900 Parklane Towers West, Dearborn, MI 48126

For emergency call: (313) 337-3182 -or- (313) 323-0045 (for 24 hour service)