

SECTION 1 - PRODUCT AND MANUFACTURER INFORMATION

MSDS DATE: 12/11/2006

PRODUCT	NPG
SYNONYMS	Coolant
CHEMICAL FAMILY	Glycols
FORMULA	Blend

MANUFACTURER

Evans Cooling Systems, Inc
255 Route 41 North
Sharon, CT 06069
860-364-5130

EMERGENCY INFORMATION

EMERGENCY PHONE 888-990-2665 (24-hour)

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	ACGIH - STEL
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Product contains no components considered to be hazardous by OSHA or ACGIH

Product is not considered carcinogenic by NTP, IARC or OSHA

SECTION 3 - HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

HEALTH=1 FLAMMABILITY=1 REACTIVITY=0 PROTECTION=B

SECTION 4 - HEALTH HAZARD DATAHEALTH EFFECTS (*Acute And Chronic*)EYES May cause slight transient eye irritation; corneal injury is unlikely.SKIN Generally non-irritating. Prolonged or repeated contact may cause flaking, tenderness and softening of the skin.INHALATION No adverse effects under normal usage. However, if significant vapors or mists are inhaled, exposure may result in slight irritation to the upper respiratory system.INGESTION A single oral dose is not expected to have any toxic effects. The ingestion of used material may cause more serious complications and should be considered moderately toxic.PRIMARY ROUTES OF ENTRY

EYES/SKIN: Yes

INHALATION: No

INGESTION: Not Likely

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE pre-existing eye disease

SECTION 5 - FIRST AID INSTRUCTIONS

EYES Flood with water for at least 15 minutes. If irritation persists, get medical attention.

SKIN Wash with water and mild soap. If irritation occurs and persists, get medical attention.

INHALATION Inhalation exposure should require no action. However, if significant inhalation exposure has occurred, move victim to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, administer artificial respiration (mouth to mouth is preferred) if trained - get immediate medical attention.

INGESTION If victim is alert, give the victim 4 – 8 oz of water. If large amounts have been ingested, induce vomiting. Keep victim calm warm and seek medical advice.

NOTE TO PHYSICIAN – No specific antidote. Provide supportive care. Base treatment on judgment of physician in response to patient reactions.

SECTION 6 - CHEMICAL DATA

BOILING POINT	370°F	SPECIFIC GRAVITY (WATER=1)	1.05
VAPOR PRESSURE (kPa)	0.22@20°C	AUTOIGNITION TEMPERATURE	1054.7°F
VAPOR DENSITY (AIR=1)	2.62		

SOLUBILITY IN WATER complete

APPEARANCE AND ODOR INFORMATION Violet liquid, faint sweet trace odor

INCOMPATIBILITY (Materials To Avoid) oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS none

WILL HAZARDOUS POLYMERIZATION OCCUR no

CONDITIONS TO AVOID FOR POLYMERIZATION none

IS THE PRODUCT STABLE yes – product is stable over normal operating range of –40°F to 300°F

CONDITIONS TO AVOID FOR STABILITY none

SECTION 7 – FIRE FIGHTING INFORMATION

FLASH POINT (Method Used) 225°F FLAMMABLE LIMITS lower = 2.6% upper = 12.5%

EXTINGUISHING MEDIA water fog, foam, dry chemical

SPECIAL FIRE FIGHTING PROCEDURES Keep fire-exposed containers cool with water fog. Wear SCBA and full turnout gear as recommended by NFPA.

UNUSUAL FIRE AND EXPLOSION HAZARDS None expected under normal storage and handling conditions. However, failing engine components such as cracked exhaust header, leaking ignition spark, or abnormally hot engine part with temperature above flash or autoignition point can cause product to burn. Avoid spills in engine compartment. Follow vehicle manufacturer's safety recommendations.

SECTION 8 - SPILL OR LEAK/DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Dike and contain the spill. Spread granular absorbent Sweep up and place in container for disposal. Do not allow material to enter drains, sewers and waterways. Comply with spill all local notification requirements. All response activities must comply with HAZWOPER (29CFR 1910.120).

WASTE DISPOSAL METHODS Dispose of waste in compliance with local, state and federal regulations. Recycle all wastes whenever feasible.

SECTION 9 – TOXICOLOGY INFORMATION

Oral: LD₅₀ (rat) = 20.3 g/kg

Skin absorption: LD₅₀ (rabbit) >10,000 mg/kg

SECTION 10 – ECOLOGICAL INFORMATION

Data being evaluated.

SECTION 11 - EXPOSURE CONTROL AND PROTECTION

VENTILATION Use forced-air ventilation when handling product in a confined area

RESPIRATORY PROTECTION Not normally needed during intended usage and handling. However, if exposure causes irritation during routine or non-routine application of product, use NIOSH/MSHA approved respiratory protection (refer to 29CFR 1910.134).

PROTECTIVE GLOVES Rubber or PVC (refer to 29CFR 1910.132)

OTHER PROTECTIVE EQUIPMENT Wear eye protection and full cover shirt and pants to protect against exposure. Provide local emergency showers and eyewash stations in the workplace

OTHER ENGINEERING CONTROLS Use local exhaust to minimize mist or vapor levels in the work area.

WORK PRACTICES All users should consult MSDS before handling this material.

HYGIENIC PRACTICES Wash hands and face after using this product. Remove contaminated clothing Launder contaminated clothing before re-use.

SECTION 12 – HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Store in a cool, dry place. Keep all containers closed when not in use.

SECTION 13 - SPECIAL PRECAUTIONS

None

SECTION 14 – OTHER INFORMATION

NOTE: This MSDS is intended to protect personnel during packaging, storage and transport of the product in bulk quantities. It is recognized that the end-user will most likely handle (and subsequently be exposed to) less than 10 gallons of the product.

SECTION 15 – REGULATORY INFORMATION

COMPONENT INFORMATION

00057-55-6	Propylene Glycol	>99%
7732-15-5	Water	<1%
-----	Proprietary Corrosion Inhibitor Package	<1%

SARA INFORMATION No components of this product are regulated under SARA III Section 313 *Supplier Notification Requirements*.

TSCA INFORMATION All components of this product are listed in the TSCA Inventory.

DOT INFORMATION

Not Regulated

SECTION 16 – HAZARDOUS MATERIAL IDENTIFICATION GUIDE

The follow letter codes refer to personal protective equipment (PPE) recommendations as shown in SECTION 3 of this MSDS, relative to handling hazardous chemical products.

A	Safety Glasses
B	<i>Safety Glasses, Hand Protection</i>
C	Safety Glasses, Hand Protection, Protective Apron
D	Full Face Shield, Hand Protection, Protective Apron
E	Safety Glasses, Hand Protection, Dust Respirator
F	Safety Glasses, Hand Protection, Dust Respirator, Protective Apron
G	Safety Glasses, Hand Protection, Vapor Respirator
H	Splash Goggles, Hand Protection, Protective Apron, Vapor Respirator
I	Safety Glasses, Hand Protection, Dust & Vapor Respirator
J	Safety Glasses, Hand Protection, Protective Apron, Dust & Vapor Respirator
K	Air Line Hood or Mask, Hand Protection, Full Body Suit, protective Boots
X	Unspecified – to be determined*

(*special equipment selection for site-specific applications not otherwise shown here)