

The logo for EGX CHEMICAL features the letters 'EGX' in a bold, green, sans-serif font. The letter 'G' is stylized with a white arrow pointing to the left, integrated into its structure. The background of the entire page is a faded, light green image of a car's engine bay, showing various components like the air filter and hoses.

C H E M I C A L

LEADING THE INDUSTRY
ONE ENGINE AT A TIME



Product Catalogue

www.egxaf.com



EGX Global Gold Antifreeze & Coolant

EGX Global Gold is a premium quality antifreeze/coolant that is compatible with all automotive and light duty trucks. This antifreeze provides a service life of 5 years or 300,000 miles. It is ideal for initial fills, coolant change-outs or top-offs. EGX Global Gold not only guards against freezing and boil-over, it also provides critical protection against corrosion forming on system components, including aluminum.

FEATURES/ BENEFITS

- Contains no phosphates, borates, or silicates.
- Protects all six standard metal alloys (iron, copper, brass, solder, aluminum, and steel) found in radiator systems
- Will not cause turbidity, precipitation, or inhibitor effectiveness reduction
- Mixes with carboxylate-based coolants such as Dex-Cool or Texaco Extended life
- Also mixes with conventional coolants such as Prestone, Zerex, and Peak.
- For all makes and models of passenger cars and light duty trucks
- 5 years / 300,000 mile service life when used during complete drain and fill
- Excellent protection during high operating temperatures
- Protects against water pump cavitation
- Protects against corrosion
- Does not change color when added to existing fluid
- Contains a bitterant

RECOMMENDATIONS

EGX Global Gold is suitable for use:

ASTM D-3306	A/302A-1 Detroit Diesel
D-4985	Caterpillar EC-1, ELC
D-621	SAE J1034, J1038 Chrysler
TMC RP 329 Type	MS 7170, MS 9769
7SE298 Freightliner	GM 1825M/1899M/6277M
48-22880 Mack	Waukesha 4-19470
014GS17004	Case JIC-501, MS1710
Ford ESE-M97B44-A,	Cummins 90T8-4, 3666132
ESE-M97B44-B,	John Deere H-5, 8650-5
WSS-M97B51-A1	

APPLICATIONS

EGX Global Gold is recommended for all automotive and light duty truck cooling systems not requiring the use of SCA's, regardless of color.

800. 256.1934
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EGX GLOBAL GOLD



SPECIAL HANDLING, NOTICES OR WARNINGS

Take precaution when handling all chemicals. Specifically, the work place must be well ventilated and safety glasses should be worn at all times. Avoid skin contact. These products contain bitterant, which reduces the chance of accidental ingestion. The products are based on monoethylene glycol and should be kept away from children and animals to prevent exposure.

EGX GLOBAL GOLD TYPICAL CHARACTERISTICS

Properties	Test Method ASTM D	Concentrate	50/50 Pre-diluted
Appearance	Visual	Yellow	Yellow
Ash Content (% w/w)	1119	1.0 max	1.0 max
Freeze point as sold	1177	-84°F	-34°F
pH as sold	1287	10 - 11	10 - 11
Reserve Alkalinity (ml 0.1N HCL)	1121	4.0 min	4.0 min
Shelf Life (unused)	NA	2 years	2 years
Silicon as silicate (ppm - Max)	ICP	135	135
Specific Gravity (15.6°C)	1122	1.050 - 1.065	1.060 - 1.080

Typical test data are average values only.
Minor variations which do not affect product performance are to be expected during normal manufacturing.

PRODUCT NUMBERS

- Concentrate
- SUS 285 6/1gal
- SUS 285-55 55 gallon drum
- SUS 28511 Bulk
- 50/50
- SUS 286 6/1gal
- SUS 285-50 55 gallon drum



EGX GLOBAL GOLD

SAFETY DATA SHEET PURPLE DISTILLATE



CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Supplier's Information:

EGX CHEMICAL
1901 NW 67TH Place STE F
Gainesville, FL 32653

Product Name: EGX Purple Distillate

Use Dilution Information:

3-4 oz. per Gallon; Ratio: 30-40 Parts Water to
1 Part Product

HAZARD IDENTIFICATION

Product as a Concentrate:

GHS Overview:

Eye Corrosive, Corrosive to Gastrointestinal Tract, Skin Corrosive.

GHS Label Elements:

Signal Word: Danger

Symbol:



Hazard Statements:

Causes Skin Irritation/Damage
Causes Eye Irritation/Damage

Precautionary Statements

Prevention: Wear protective gloves. Wear eye or full face protection. Wear protective clothing. Wash hands thoroughly after handling.

Response:

Skin Contact: If skin comes in contact with product: Flush exposed area with cool water for 15 minutes. Consult a physician if irritation develops or persists. **Eye Contact:** If this product comes in contact with eyes, flush eyes with luke warm water for 30 minutes and consult a physician if irritation develops or persists. **If Swallowed:** Have patient drink large amounts of milk or plain water. **DO NOT INDUCE VOMITING.** Consult a physician immediately. **If Inhaled:** Remove to clean atmosphere and consult physician immediately.

Storage: No specific restriction identified.

Disposal: See Section 13 for waste disposal info.

Other Hazards: None known.

Product at Use Dilution:

GHS Overview:

Eye Severe Irritant, Severe Irritant to Gastrointestinal Tract, Skin Irritant

GHS Label Elements:

Signal Word: Danger

Symbol:



Hazard Statements:

May Cause Skin Irritation/Damage
May Cause Eye Irritation/Damage

Precautionary Statements

Prevention: Wear protective gloves. Wear eye or full face protection. Wear protective clothing. Wash hands thoroughly after handling. **Response:**

Skin Contact: If skin comes in contact with product: Flush exposed area with cool water for 15 minutes. Consult a physician if irritation develops or persists. **Eye Contact:** If this product comes in contact with eyes, flush eyes with luke warm water for 30 minutes and consult a physician if irritation develops or persists. **If Swallowed:** Have patient drink large amounts of milk or plain water. **DO NOT INDUCE VOMITING.** Consult a physician immediately. **If Inhaled:** Remove to clean atmosphere and consult physician immediately. **Storage:** No specific restriction identified. **Disposal:** See Section 13 for waste disposal info.

Other Hazards: None known.



COMPOSITION/ INFORMATION OF INGREDIENTS

Product as a Concentrate

Hazardous Ingredients	Concentration Range	CAS Number
Potassium Hydroxide	4 - 6 %	1310 - 58 - 3
Ethylene Glycol Monobutyl Ether	6 - 12 %	111 - 76 - 2
Monoethanolamine	3 - 5 %	141 - 43 - 5
Sodium Metasilicate	1 - 3 %	6834 - 92 - 0

Product at Use Dilution

Hazardous Ingredients	Concentration Range	CAS Number
Potassium Hydroxide	< 1 %	1310 - 58 - 3
Ethylene Glycol Monobutyl Ether	< 1 %	111 - 76 - 2
Monoethanolamine	< 1 %	141 - 43 - 5
Sodium Metasilicate	< 1 %	6834 - 92 - 0

FIRST AID PROCEDURES

Product as a Concentrate:

Skin Contact: If skin comes in contact with product: Flush exposed area with cool water for 15 minutes. Consult a physician if irritation persists.

Eye Contact: If this product comes in contact with eyes, flush eyes with luke warm water for 30 minutes and consult a physician if irritation persists.

Ingestion: DO NOT INDUCE VOMITING. Have patient drink large amounts of milk or plain water. Consult a physician immediately

Inhalation: Remove to clean atmosphere and consult physician immediately

Product at Use Dilutions:

Skin Contact: If skin comes in contact with product: Flush exposed area with cool water for 15 minutes. Consult a physician if irritation persists.

Eye Contact: If this product comes in contact with eyes, flush eyes with luke warm water for 30 minutes and consult a physician if irritation persists.

Ingestion: DO NOT INDUCE VOMITING. Have patient drink large amounts of milk or plain water. Consult a physician immediately

Inhalation: Remove to clean atmosphere and consult physician immediately

Protection of First Responders:

No action shall be taken involving personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth to mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

Note to Physician:

Treat symptomatically. Contact poison treatment specialist if large quantities have been ingested or inhaled.

FIRE FIGHTING INFORMATION

Product as a Concentrate:

Suitable Fire Extinguishing Media: Use water spray fog, or foam.

Specific Fire Hazards: In a fire or if heated, pressure increase may occur and the container may burst.

Hazardous Thermal Decomposition Products: None known.

Specific Fire - Fighting Methods: Promptly isolate the scene by removing all persons from the area if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special Protective Equipment for Fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full-face piece operated in positive pressure mode.



ACCIDENTAL SPILL PROCEDURES

Product as a Concentrate:

Personal Precautions: Initiate company's spill response procedures immediately. Keep people out of the area. Put on appropriate personal protective equipment (See Section 8). Do not touch or walk through spilled material.

Environmental Precautions: Avoid contact with spilled material and prevent runoff contact with soil and surface waterways.

Methods for Cleaning Up: Follow company's spill response procedures. Keep people away from spill area. Put on appropriate personal protective equipment (See Section 8). Absorb / Neutralize liquid material. Use a tool to scoop up solid or absorbed material and put into appropriate labeled container. Use a water rinse for a final clean-up.

HANDLING AND STORAGE

Product as a Concentrate

Handling: Do not get in eyes, on skin, or on clothing. Do not breathe vapor or fumes. Use only in adequately ventilated areas. Wash thoroughly after handling.

Storage: Keep out of the reach of children. Keep container tightly closed. Store between the following temperatures: -25°C and 40°C.

EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control Parameters:

Ingredients Name

Potassium Hydroxide

Ethylene Glycol Monobutyl Ether

Sodium Metasilicate

Monoethanolamine

Appropriate Engineering Controls:

Use only in adequate ventilation. If user operations generate dust, fumes, gas, vapor, or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Product at Use Dilution:

Personal Precautions: Initiate company's spill response procedures immediately. Keep people out of the area. Put on appropriate personal protective equipment (See Section 8). Do not touch or walk through spilled material.

Environmental Precautions: Avoid contact with spilled material and prevent runoff contact with soil and surface waterways.

Methods for Cleaning Up: Follow company's spill response procedures. Keep people away from spill area. Put on appropriate personal protective equipment (See Section 8). Absorb / Neutralize liquid material. Use a tool to scoop up solid or absorbed material and put into appropriate labeled container. Use a water rinse for a final clean-up.

Product at Use Dilution

Handling: Do not get in eyes, on skin, or on clothing. Do not breathe vapor or fumes. Use only in adequately ventilated areas. Wash thoroughly after handling.

Storage: Keep out of the reach of children. Keep container tightly closed.

Exposure Limits

ACGIH TLV: 2 mg/m³

NIOSH TWA: 10 mg/m³

ACGIH TLV: 20 mg/m³

NIOSH TWA: 50 mg/m³

ACGIH TLV: ND mg/m³

NIOSH TWA: 15 mg/m³

ACGIH TLV: 3 mg/m³

NIOSH TWA: 6 mg/m³



ENDURANCE HD USES METALGUARD® A80

Heavy-Duty, Poly/Multi-Organic Extended Life Additive Package Formulated for use with Ethylene or Propylene Glycol. Available in OAT and NOAT formulas.

Description and Applications

ENDURANCE HD uses METALGUARD A80 which is Poly-Organic/Multi-Organic additive package that allows you to make antifreeze meeting ASTM D6210, as well as ASTM D3306 and ASTM D4985. It contains no amine, phosphate, silicate, borate, nitrate, nitrite, or 2-ethylhexanoic acid. ENDURANCE HD meets the performance requirements of ASTM D6210 without nitrite or nitrite/molybdate, but still provides wet sleeve cylinder liner cavitation protection due to its unique formulation. A major advantage of this type of additive system is that it provides total cooling system protection for 600,000 on-road miles without the use of additive-containing coolant filters or supplemental coolant additives (SCAs). A nitrate can be added to ENDURANCE HD making it a nitrated organic acid technology.

ENDURANCE HD's all organic formulation also has several other advantages. It is compatible with most types of coolant technologies including conventional inorganic acid salt formulations, most straight organic acid (OAT) formulations, hybrid organic acid formulations (HOAT), nitrated OAT formulations (NOAT) and other multi-organic acid formulations. ENDURANCE HD coolant is also much less sensitive to water hardness chemicals, which cause scale formation, as a result of its low chemical reactivity. This low reactivity also makes ENDURANCE HD much less sensitive to contaminants such as motor oil and other coolants.

ENDURANCE HD will be suitable for passenger cars, vans, SUVs, light trucks, heavy-duty vehicles and many off-road applications such as stationary engine cooling systems. It will provide superior corrosion protection for all cooling system metals, including aluminum, steel, cast iron, copper, brass and solder alloys. Compliance with the many dissimilar antifreeze specifications in today's market also make it important to know what your additive package does not contain. ENDURANCE HD allows you to meet most of these exclusion requirements.

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EGX ENDURANCE HD



EGX IAT GREEN

Formulated for heavy-duty diesel engines.

EGX IAT Green is an advanced “fully-formulated” antifreeze featuring a low-nitrite, phosphate-free formula to provide trouble-free service in trucks, buses and additional applications listed below.

EGX IAT Green is compatible with CAT EC-1 and other specifications listed below. EGX IAT Green is an economical alternative to coolant that meet Heavy Duty American standard of testing methods.

Store above 50° F (10° C) to prevent gelling.

BENEFITS

- Cost effective alternative to ELC
- Single system technology offers the easiest method of manufacturing
- Phosphate & amine free
- Lubricity agents extend water pump life
- Meets OEM performance specifications

APPLICATIONS

- Gen-sets
- Stationary engines
- Line heaters
- Natural gas compressor engines
- Irrigation equipment
- Air compressor engines
- Drilling equipment

SPECIFICATIONS

- ASTM D-6210
- ASTM D-3306
- TMC RP-323

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EGX IAT GREEN



EGX EURO

EGX EURO SPEC is a SiOAT Antifreeze/Coolant meets or exceeds performance requirements ASTM D3306, BS6580, ASTM D6210-10, ASTM D7583 and recommended for use with VW TL774G+.

It is recommended for use in BMW®, Mercedes-Benz®, Volvo® VW, Audi, Porsche, and other newer model light duty gasoline or diesel powered vehicles requiring a nitrite, amine and phosphate (NAP) free, OAT engine coolant. This ethylene glycol based antifreeze/coolant uses Hybrid Organic Acid Technology (HOAT) which is a Hybrid because it contains a silicate to provide extended protection against rust, corrosion and pitting caused by cavitation for all coolant system metals, including aluminum. The anticorrosives in this formula provide protection to metals in engine blocks made out of aluminum, brass, copper, steel and iron. *When properly diluted and added as an initial fill, this coolant provides up to 150,000 miles or 5 years service life protection in automotive applications. For best results, do not mix with conventional high pH, phosphate, borate or silicate based antifreeze/coolant because it can diminish the anticorrosive properties of the coolant. This antifreeze provides superior winter protection to up to -34 degrees fahrenheit, and summer protection to up to 275 degrees fahrenheit.

APPLICATION

Newer model light duty gasoline or diesel powered vehicles requiring a nitrite, amine and phosphate (NAP) free, OAT engine coolant. Available in cyan blue and pink.

RECOMMENDED

All European vehicles , Mercedes Benz, Bmw, Volvo, Peugeot , Citroen, Audi, Porsche, Maseratti, Renault, Volkswagen.

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EGX EURO