



# Final Charge NOAT PG Concentrate Antifreeze and Coolant

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Revision date: 04/02/2018

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : Final Charge NOAT PG Concentrate Antifreeze and Coolant

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Heavy Duty Engine Coolant

#### 1.3. Details of the supplier of the safety data sheet

Old World Industries, LLC  
3100 Sanders Road  
Northbrook, IL 60062 - USA  
T (847) 559-2000  
[www.oldworldind.com](http://www.oldworldind.com)

#### 1.4. Emergency telephone number

Emergency number : 800 424 9300; 00 1 703 527 3887 (International)  
Chemtrec

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Reproductive toxicity, Category 2, H361 : Suspected of damaging fertility or the unborn child

Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) : Warning  
Hazard statements (GHS-US) : H361 - Suspected of damaging fertility or the unborn child  
Precautionary statements (GHS-US) : P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P280 - Wear personal protective equipment as required  
P308+P313 - If exposed or concerned: Get medical advice/attention  
P405 - Store locked up  
P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local/regional/national/international regulations

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

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Name	Product identifier	% by wt	GHS-US classification
propylene glycol	(CAS-No.) 57-55-6	90 - 97	Not classified
water	(CAS-No.) 7732-18-5	1 - 5	Not classified
potassium 2-ethylhexanoate	(CAS-No.) 3164-85-0	1 - 5	Repr. 2, H361

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.
- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If you feel unwell, seek medical advice.
- First-aid measures after skin contact : Not expected to present a significant hazard under anticipated conditions of normal use.
- First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately with plenty of water for 15 minutes, lifting lower and upper lids. If eye irritation persists: Get medical advice and attention.
- First-aid measures after ingestion : Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects : Suspected of damaging fertility or the unborn child.
- Symptoms/effects after skin contact : Contact during a long period may cause light irritation.
- Symptoms/effects after eye contact : May cause slight irritation.
- Symptoms/effects after ingestion : Excessive ingestion may cause central nervous system effects.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Alcohol resistant foam. Dry chemical powder. Carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

Reactivity : No dangerous reactions known under normal conditions of use.

#### 5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Store away from other materials.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
- Hygiene measures : Do not eat, drink or smoke when using this product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container closed when not in use. Do not cut, drill, weld, use a blowtorch on, etc. containers even when empty.
- Incompatible products : Keep away from strong acids, strong bases and oxidizing agents.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<b>water (7732-18-5)</b>
Not applicable
<b>potassium 2-ethylhexanoate (3164-85-0)</b>
Not applicable
<b>propylene glycol (57-55-6)</b>
Not applicable

#### 8.2. Appropriate engineering controls

No additional information available

#### 8.3. Individual protection measures/Personal protective equipment

##### Personal protective equipment:

Avoid all unnecessary exposure. Face shield. Protective goggles.

##### Eye protection:

Chemical goggles or safety glasses. Face shield

##### Respiratory protection:

Respiratory protection not required in normal conditions. If exposed to levels above exposure limits wear appropriate respiratory protection.



##### Other information:

Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Color : Red
- Odor : mild
- Odor threshold : No data available
- pH 50% water solution : 8.2 - 9
- Relative evaporation rate (butylacetate=1) : Nil
- Freezing point : -60 °C (-76 °F)

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Boiling point	: 154 °C (310 °F)
Flash point	: 104 °C (219 °F) Method used: Penkys-Martens Closed Cup
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: < 0.1 mm Hg @ 20 °C (68 °F)
Relative vapor density at 20 °C	: No data available
Specific Gravity	: 1.04
Density	: 1.04 kg/l (8.7 lbs/gal)
Solubility	: Water: Complete
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: 2.6 - 12.5 vol % <i>Estimated</i>

### 9.2. Other information

VOC content : 0 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Extremely high or low temperatures.

### 10.5. Incompatible materials

Keep away from strong acids, strong bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

propylene glycol (57-55-6)	
LD50 oral rat	20000 mg/kg (Rat; Experimental value)
LD50 dermal rat	22500 mg/kg (Rat; Experimental value)
LD50 dermal rabbit	20800 mg/kg (Rabbit; Experimental value)
ATE US (oral)	20000 mg/kg bodyweight
ATE US (dermal)	20800 mg/kg bodyweight

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.

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Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/effects	: Suspected of damaging fertility or the unborn child.
Symptoms/effects after skin contact	: Contact during a long period may cause light irritation.
Symptoms/effects after eye contact	: May cause slight irritation.
Symptoms/effects after ingestion	: Excessive ingestion may cause central nervous system effects.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : No data available.

propylene glycol (57-55-6)	
EC50 Daphnia 1	34,400.00 mg/l (EC50; 48 h)
LC50 fish 2	51,600.00 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Oncorhynchus mykiss)

#### 12.2. Persistence and degradability

propylene glycol (57-55-6)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in soil.
Biochemical oxygen demand (BOD)	0.96 - 1.08 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.63 g O <sub>2</sub> /g substance
ThOD	1.69 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.57

#### 12.3. Bioaccumulative potential

propylene glycol (57-55-6)	
Log Pow	-1.41 - -0.30 (-0.92; Experimental value; -1.07; Experimental value; Equivalent or similar to OECD 107; 20.5 °C)
Bioaccumulative potential	Not bioaccumulative.

#### 12.4. Mobility in soil

propylene glycol (57-55-6)	
Surface tension	0.04 N/m (25 °C)

#### 12.5. Other adverse effects

Effect on the ozone layer : No known effect on the ozone layer

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to appropriate waste disposal facility, in accordance with local/regional/national/international regulations.

Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not regulated

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### Transportation of Dangerous Goods

Refer to current TDG Canada for further Canadian regulations

#### Transport by sea

In accordance with IMDG / IMO

Not regulated

#### Air transport

In accordance with IATA / ICAO

Not regulated

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

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EPA TSCA Regulatory Flag

Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed

#### water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### potassium 2-ethylhexanoate (3164-85-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

#### CANADA

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WHMIS Classification

This SDS has been prepared according to the criteria of the Hazardous Products Regulations (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR. Applicable GHS information is listed in section 2.2 of this SDS.

#### EU-Regulations

No additional information available

#### National regulations

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DSL (Canada): The intentional ingredients of this product are listed  
ECL (South Korea): The intentional ingredients of this product are listed.  
EINECS (Europe): The intentional ingredients of this product are listed  
ENCS (Japan): The intentional ingredients of this product are listed

### 15.3. US State regulations

#### propylene glycol (57-55-6)

U.S. - Pennsylvania - RTK (Right to Know) List

## SECTION 16: Other information

Revision date : 04/02/2018

Other information : None.

Full text of H-statements:

H361

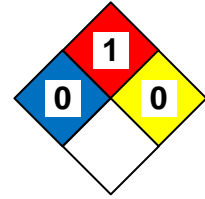
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NFPA health hazard	: 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard	: 1 - Materials that must be preheated before ignition can occur.
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating	
Health	: 0 Minimal Hazard - No significant risk to health
Flammability	: 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 °F (93 °C). (Class IIIB)
Physical	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
Personal protection	B - Safety glasses, Gloves

SDS GHS US (GHS HazCom 2012) OWI

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