TRIPTON® PICOCOOL FLUID R-1
Organic Acid Technology (OAT) Coolants

DESCRIPTION:
TRIPTON® PICOCOOL R-1 is antifreeze and coolant fluid with a silicate free formula for superior engine protection. It is 100% so requires dilution with radiator water (PICOCOOL **R-1**) and it can be used all year as a coolant and antifreeze with a temperature range of the following:

1) 100% **TRIPTON® PICOCOOL R-1** down to < -50 ºC.
2) The mixture of 50 % **TRIPTON® PICOCOOL R-1** and 50 % **PICOCOOL R-3** uses down to -35 ºC.
   Or **(1 Parts of PICOCOOL R-1 with 1 Parts of PICOCOOL R-3)**
3) The mixture of 33 % **TRIPTON® PICOCOOL R-1** and 67 % **PICOCOOL R-3** uses down to -18 ºC.
   Or **(1 Parts of PICOCOOL R-1 with 2 Parts of PICOCOOL R-3)**
4) The mixture of 25 % **TRIPTON® PICOCOOL R-1** and 75% **PICOCOOL R-3** uses down to -12 ºC.
   Or **(1 Parts of PICOCOOL R-1 with 3 Parts of PICOCOOL R-3).**

Features and Benefits:
TRIPTON® PICOCOOL R-1 ANTIFREEZE contains glycoles special additive with OAT Technology to protection of cooling systems from the winter freezing and summer overheating **over a 5 years period.**
It's also provides very good protection against corrosion and rust, especially for modern vehicles provided by **ALUMINUM radiators**.

APPLICATIONS
TRIPTON® PICOCOOL R-1 ANTIFREEZE is recommended for using all application coolants.

Physical and Chemical Properties. (Meets standards ASTM D3306-2020; SAE J1034 or SNS 619:2019)

Property	ASTM's	Values	الخاصية
Physical state Appearance	-	Clear Liquid	المظهر
Color	D1500	**PINK To RED**	اللون
Odor	-	Odorless	الرائحة
Density @15 ºC/ g/mL	D1298	1.030-1.160	الكثافة عند الدرجة 15 °م
Boiling Point ºC	-	> 165	نقطة الغليان °م
Freezing Point ºC @ 50 % @ 33 % @ 25 %	D97	<- 35 < -18 < -12	نقطة التجمد ° م @ 50 % % 33 @ % 25 @
Flash Point (COC) ºC	D92	-	نقطة الوميض °م
Foaming	D1181	0	الرغاء لمزيج (33.3 %) / حد أعلى
pH @ (50, 33 & 25 %)	D974	7.5-11	رقم الحموضة (50, 33 & 25 %) pH @
Solubility	-	Soluble in water	الانحلالية
Ash Content %	D3306	< 5.0	محتوى الرماد %
Water Content %	D1123	< 5.0	محتوى الماء %
Cl Content %	D3634	< 25.0	محتوى الكلور / PPM
Copper Strip Corrosion	D130	1a	تآكل صفيحة النحاس
Reserve Alkalinity (mL of 0.1 N HCl)	D1121	> 4.0	القلوية الاحتياطية (مل من 0.1N HCl)

The above values may vary within commercially accepted tolerances.

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Adra Industrial City – Chemical 2
Damascus-Syria

Packing:
The products are available in the following:

Code	TRL519925-01	TRL519925-02	TRL519925-04	TRL519925-05	TRL519925-06
Pack (L)	200 L	20 L	5 L	4 L	1 L

Expiration date: *The recommended shelf life for these oils is typically 5 years from manufacturing date when stored properly in the original sealed containers.*

HANDLING AND STORAGE

Precautions for safe handling: Keep away from sources of ignition. No naked lights. No smoking. Do no eat, drink or smoke when using this product. Wash hands and other exposed areas with soap and water before leaving work. **Specific end use(s)**: Use only as concentrated Coolants.	**Storage**: All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, Safety & Environment
Health and Safety

TRIPTON® Products are no any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Protect the Environment: Take used oil to an authorized collection point. Do not discharge into drains, soil or water.