



# METASU

## ANTI-FREEZE & COOLANT

METASU COOLANT LONGLIFE PLUS  
METASU COOLANT LONGLIFE AND  
METASU COOLANT EXTRA



**ORGANIC  
FOR EXPORT**



## Anti-Freeze OAT Coolant

**METASU Anti-Freeze OAT (Organic additive Technology) Coolant** is a proprietary blend of corrosion inhibitors and glycol additives that protect your engine's cooling system from freezing all year round. It meets the performance requirements of most OEMs and national specifications and protects all metals from the assemblies commonly used in engine construction from corrosion and pitting. It represents the latest advances in antifreeze and coolant with slow-dissolving additives and offers a lifespan of 5 years or 100,000 km (whichever comes first).

**METASU antifreeze and organic coolant** meets the performance requirements of Iran Standard Institute No. 338, BS 6580(1992), ASTM D3306, ASDM D 4985, suitable for use in gasoline and diesel engines and does not contain amine, phosphate, nitrite, borax and silicate .be

## Directions

**METASU Anti-Freeze OAT Coolant** is suitable for use in all climates and provides year round corrosion and freeze protection. When diluted with clean water it can provide freeze protection as low as  $-70^{\circ}\text{C}$  where extreme winters are usual. To ensure satisfactory freeze and corrosion protection it is recommended that the minimum concentration used is 35% by volume.

The following freeze protection data should allow the end user to decide the degree of dilution necessary for his or her situation. Use only clean water to dilute the anti-freeze and NEVER use at concentrations greater than 70% by volume.

ANTI-FREEZE: WATER DILUTION IN % VOLUME	FREEZE PROTECTION
70:30	- $70^{\circ}\text{C}$
60:40	- $53^{\circ}\text{C}$
50:50	- $37^{\circ}\text{C}$
33:66	- $19^{\circ}\text{C}$
25:75	- $14^{\circ}\text{C}$

## Packaging Information

ITEM CODE	DESCRIPTION	UNITS PER CASE	UNITS PER LAYER	UNITS PER PALLET
400	METASU Anti-Freeze OAT Coolant 1 kg	12	144	720
401	METASU Anti-Freeze OAT Coolant 4 kg	4	40	160
402	METASU Anti-Freeze OAT Coolant 20 kg	1	16	32
403	METASU Anti-Freeze OAT Coolant 200 kg	1	4	4
404	METASU Anti-Freeze OAT Coolant 1000kg	1	1	1

## Safety

Refer to METASU Anti-Freeze OAT Coolant SDS for further information.

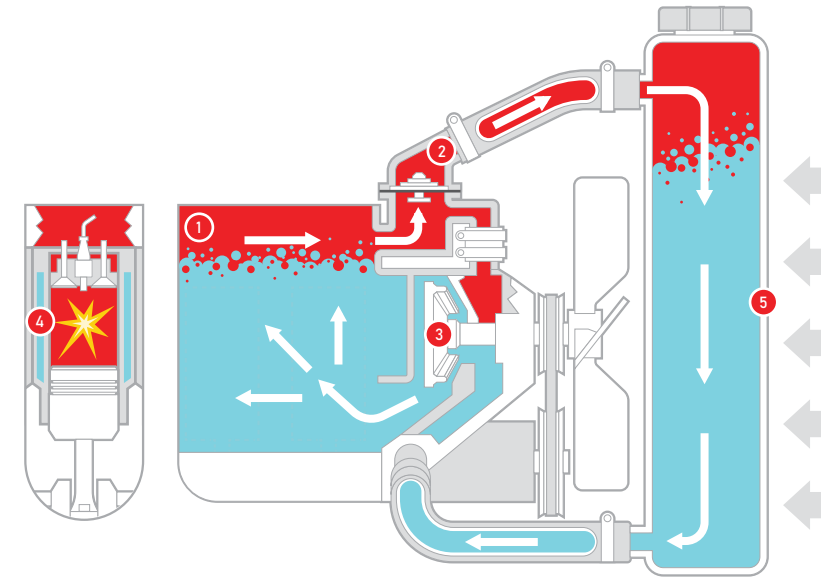
## Technical Data

Refer to METASU Anti-Freeze OAT Coolant TDS for further information. For SDS and TDS please email [mttaria.co@gmail.com](mailto:mttaria.co@gmail.com) or call the number below.

For more information on METASU products visit [www.metasu.com](http://www.metasu.com)

T: +98 (0)21 76509860 | [mttaria.co@gmail.com](mailto:mttaria.co@gmail.com) | [www.metasuco.com](http://www.metasuco.com)

m.abdollahzadeh co.Roudhen, intersection of Cheshme and University Street, Tehran, Iran.



**1** METASU coolants help to prevent engine overheating, which can lead to breakdowns and costly repairs.

**2** METASU coolants are compatible with elastomer seals to prevent leaking.

**3** METASU coolants help to prevent water pump damage from cavitation, pitting and corrosion.

**4** METASU coolants protect cylinder liners from damage caused by cavitation, corrosion and pitting, and help prevent loss of efficiency.

**5** METASU coolants protect heat exchangers from damage caused by freezing, corrosion, scale and sediment, and provide effective heat transfer performance.

## WHY USE METASU COOLANTS?

Metasu organic antifreeze and coolant has been marketed in accordance with Iran's 338 standard during one year of operation and production. Our in-depth knowledge of motor fluids has helped us to maintain and operate as a quality Iranian supplier. Due to the organic nature of Metasu antifreeze and coolant, it can be used in all light, semi-heavy and heavy vehicles, from city cars to mining cars. These products have excellent heat transfer and provide excellent protection and long life to help reduce costs for vehicle owners.

## Why are coolants important?

Antifreeze and coolants protect engines from damage from overheating cooling systems that cause corrosion, scaling, and the resulting deposit build-up. This damage can be related to the use of antifreeze and low-quality coolants, which can cause problems in heat transfer and corrosion. The high temperature of the engine increases the wear rate of the engine and related parts.