

# ANTI-FREEZE COMPOUND

## DESCRIPTION

**AWT-425** is an inhibited liquid designed as an effective anti-freeze compound. It contains selected inhibitors, capable of protecting cooling systems of all types, water-cooled internal combustion engines and radiators.

## APPLICATION

**AWT-425** is mainly used to lower freezing point of water in refrigeration units, radiators and other cooling systems. **AWT-425** is non-corrosive on most metals currently used in engines and radiators.

## DOSAGE

The dosage required will depend on the chiller temperature. The freezing point can be determined by the percentage of **AWT-425** in water mixtures as follows:-

16.8%	=	3.5°C	67.2%	=	-24 °C
33.6%	=	-8 °C	84%	=	-36 °C
50.4%	=	-15 °C	100%	=	-48 °C

## PHYSICAL AND CHEMICAL PROPERTIES

**AWT-425** is a blend of special glycol combines with inorganic corrosion inhibitors. It is freely miscible with water.

Appearance	: Clear green liquid
Flash Point	: 115°C
Specific Gravity	: 1.08 –1.10
Water Solubility	: Miscible in all Proportions at 25°C
Odor	: Sweetish



## **SAFETY AND HANDLING INFORMATION**

Protective Measures	Wear chemical resistant gloves, safety goggles and footwear. Use in adequately ventilated areas. Wash hands with water after use. Avoid breathing in vapour.
Spillage & Disposal	Spillage is slippery. Wear gloves, confine spill and stop leak at source if possible. Pump liquid back into original container. Absorb remaining liquid with inert material such as dry sand or sawdust. Neutralize if necessary with vinegar or other diluted acid solution.
<b><u>FIRST AID</u></b>	
Eyes	Rinse eyes with copious amount of water for at least 15 minutes. If irritation persists, seek medical advice.
Skin	Flush with large amount of water, use soap if available. Remove grossly contaminated clothing, including shoes and launder before reuse. Seek medical attention if necessary.
If Inhaled	If overcome or affected, immediately evacuate victim from exposure area, using proper respiratory protection. Administer artificial respiration if breathing has stopped. Keep at rest. Seek prompt medical attention.
If swallowed	Rinse mouth; then drink 1 or 2 large glasses of water. Do not induce vomiting. Seek prompt medical attention. Never give anything via mouth to an unconscious person.
<b><u>HANDLING</u></b>	
Storage & Transportation	Product should be stored and transported in original containers. Do not store near heat, sparks, flame or strong oxidizers. Store away from strong acids or foodstuff. Keep container lid tightly closed. Store in a cool and dry area, away from direct sunlight. Open container slowly to control possible pressure release.
Packaging	Supplied in 25 and 200 litres non-returnable containers.

To the best of our knowledge, the information contained herein is believed to be accurate and reliable. It is the user's obligation to evaluate and use this product safely and comply with all applicable laws and regulations. The above-named supplier and its vendor makes no other warranty or representations of any kind or implied, concerning the product including no implied warranty of merchantability. The product is offered solely for your consideration, investigation and verification. No license or immunity under any patents is granted or implied.



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