

ALSTARINSE™

Refrigerant Line Flushing Solvent

General Description

ALSTARINSE™ is a highly effective blend of stabilized vaporizing solvents for flushing out carbon, moisture, dirt, oil, sludge and metal deposits from the refrigerant and compressor line.

ALSTARINSE™ is an excellent choice for cleaning and degreasing of Refrigerant tubes for its compatibility with refrigerants such as R134A, R21, R22, Ammonia etc. It is also compatible with all AC components such as seals, O-rings etc.

ALSTARINSE™ effectively cleans contaminants, achieving a clean dry surface free from impurities and residue. It is completely volatile or vaporizing in nature.

Physio-chemical Data

Properties	Unit	Typical Value
Form and Appearance	-	Clear, colorless liquid
Specific Gravity	-	1.30 ± 0.05
Moisture Content	%	Nil
Non-Volatile Residue	%	Nil
Solubility with water at 20°C	%	0.05 ~ 1.5

The above data have been obtained in laboratory tests and are typical of the product. They do not however constitute sales specifications and should not be regarded as such.

Dosage and Application

Add ALSTARINSE™ in its neat form into the refrigerant or compressor line and soak or recirculate for some time. Flush out the dirty solvent with nitrogen gas or compressed dry air.

Note:ALSTARINSE™ is a better alternative to CTC (Carbon Tetrachloride) without the hazard of ozone depletion.

Comparison Chart

Parameter	CTC	ALSTARINSE™
Ozone depleting	Yes	No
Grams per Ltr (GPL)	1550 ~ 1650	1250 ~ 1350
Solubility with water	0.05 ~ 1.5%	0.05 ~ 1.5%
Non-Volatile Residue	Nil	Nil
Flammability	Non-flamable	Non-flamable

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Key Features & Benefits

- Excellent cleaning of oil, sludge and carbon
- Non Flammable
- Dries quickly and does not leave residue
- Economical than CTC or other alternatives
- Compatible with R12, R22, R134A etc.
- Compatible with all AC components
- Non Ozone depleting
- Non corrosive
- More effective than CTC
- Stabilized
- Non Flammable

Handling Measures & Precautions

Proper human safety products such as Splash goggles, lab coat, vapor respirator, gloves and boots should be worn while handling and applying product. Splashes on skin should be washed off with water immediately. In case of splashing into the eyes, flush it with fresh water and obtain medical attention. Should not be injected.

Storage

ALSTARINSE™ should be stored in original containers in cool and dry place, away from sources of heat, flame and direct sunlight. Empty containers pose a fire risk, evaporate the residue under a fume hood. Please refer Label and MSDS for details.

Shelf Life: 2 years if stored properly.

Packing

ALSTARINSE™ is available in the following pack sizes 14.4kgs box (48 bottles X 300gms), 24kgs box (32 bottles X 750gms), 24kgs box (4 jars X 6kgs), 45kgs and 240kgs HDPE jars and barrels.